



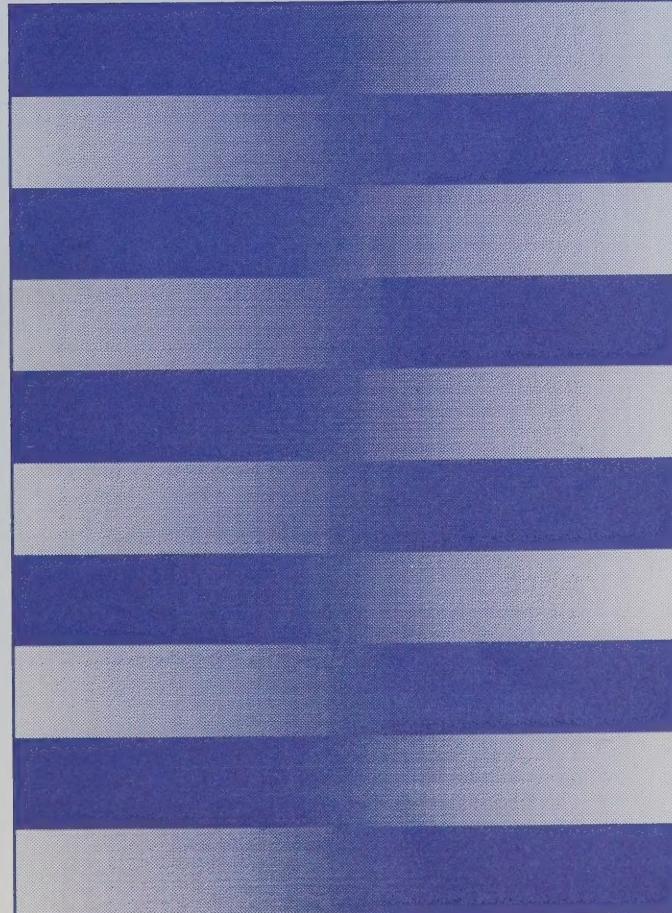
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Ministry of Education and Training

Independent Learning Centre

Course Guide

1994-95



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The Independent Learning Centre (ILC) is one of Canada's largest educational facilities. As part of the Ontario Ministry of Education and Training, ILC provides a free distance education program for Ontario residents who wish to earn high school diploma credits, upgrade basic skills, or study for personal development.

Important

Read this guide before applying for a course from the Independent Learning Centre (ILC). The ILC staff are ready to help you, but you need to choose your own courses.

We've Moved!

The new mailing address of our Toronto office is

Independent Learning Centre
20 Bay Street Suite 400
Toronto ON M5J 2W1

Reception and counter service: 3rd floor



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ILC Course Guide 1994-95

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ILC Student Guide 1994-95

Please look in the *ILC Student Guide* if you would like information on the following topics:

- General Information
- Information on Enrolment
- Freedom of Information and Protection of Individual Privacy
- Certification
 - Final Tests
 - Certificates of Completion
 - Student Records
 - The Ontario Secondary School Diploma (OSSD)
 - Postsecondary Education
- Information for Schools and School Boards

Part 1

General Information

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Part 1

General Information

Why Do People Take ILC Courses?

People study with ILC

- to upgrade basic skills
- to earn an Ontario Secondary School Diploma
- to prepare for college or university
- for personal development

What Are the Advantages?

- Distance education is private and confidential. It's between you and your teacher.
- You can study when and where you wish.
- You can start a course or finish it at any time of the year.
- You can work at your own pace.

Free Courses

- If you are an Ontario resident, you can enrol in an ILC course free of charge.
- For most courses, all materials are sent to you on loan. You must return them when you complete the course or if you decide not to continue with the course.
- You pay for the postage to mail your assignments to your teacher.

How Does It Work?

- An experienced, certified teacher, living somewhere in Ontario, is assigned to you when you enrol. You will find your teacher's name and address in the enrolment letter you receive with your course materials.

- To do an ILC lesson, you start by studying the reading material.
- Each lesson has assignments. Make sure that you understand what you have studied before starting an assignment. When you finish all the assignments for a lesson, send them to your teacher.
- When you have sent the assignments for a lesson to your teacher, start working on the next lesson. You do not need to wait for the assignments you sent to be marked and returned to you before continuing your work on the course.

What Does Your Teacher Do?

- Your teacher reads, makes comments on, evaluates, and marks your assignments for each lesson.
- He or she makes suggestions and returns your assignments directly to you. Studying your teacher's comments is an important part of your learning.
- Your teacher sends your marks to ILC, where they are recorded in your student file.

What If You Need Help?

- If you can complete most of the assignments but are unsure about a few of the questions, send a note to your teacher along with your assignments.
- If you get stuck because you don't understand part of a lesson, call ILC's telephone tutoring (teletutoring) service Monday or Thursday evenings.
- Information about teletutoring hours and telephone numbers will be sent to you when you enrol.

Independent Learning: Is It for You?

Independent learning means working on your own. Think about the following questions.

Do you have enough energy left after your other activities to study for about three hours, two or three times a week?

- If you spend six to ten hours to complete one lesson each week, it will take you about three months to do a half-credit course.

Do you have enough self-discipline to settle down to studying, in addition to all your other activities?

- Completing an ILC course is very satisfying, but it takes hard work.

Are you willing to keep studying until you finish the course?

- A 10-lesson, half-credit course will take you at least 60 hours to complete. A 20-lesson, full-credit course will take you about 120 hours.

Will waiting for assignments to be returned bother you?

- It can take up to three weeks for you to receive your assignments back from your teacher.

How to Choose Your First Course

Do you want to improve your language and mathematics skills, or do you know someone else who wants to improve these skills?

- If you do, please look at the non-credit courses in Part 4, "Adult Basic Education", on pages 58 to 62.

Do you feel you need more preparation before beginning Grade 10?

- If you do, please turn to Part 2, "Grade 9 Programs", on pages 11 to 13.

Do you want to take Grade 10, 11, 12, or OAC courses?

- If you do, please read the information on pages 5 to 9, before turning to Part 3.

Levels of Difficulty

- Courses in each subject area are listed in Part 3 of this guide by grade and level of difficulty (basic, general, and advanced).
- There are no levels of difficulty for the non-credit courses or the Grade 9 courses.
- When you choose a Grade 10, 11, or 12 ILC course, you must also decide on the level of difficulty.
- All OAC courses are advanced level courses.

Basic Level Courses

- These courses will give you upgrading in most subject areas, teach you practical skills, and increase your knowledge.
- They will help you prepare for a job. They will also help you prepare to train for a trade.
- Basic level courses will not give you the background for most programs at universities or colleges of applied arts and technology.

General Level Courses

- These courses will help you prepare for employment.
- They will also give you the background you need to enter some programs at colleges of applied arts and technology, as well as many other types of education or training programs once you graduate.
- They will not prepare you for university.

Advanced Level Courses

- These courses focus on the development of academic skills.
- They will help you prepare to enter university or certain programs at colleges of applied arts and technology.

Mixing Levels

- You may study different courses at different levels of difficulty. For example, you may enrol in advanced level mathematics and general level English.
- ILC staff will be glad to answer any questions you have about this.

Cross-Coded Courses — Duplicate Credits

Cross-coded courses are two courses that are exactly the same but have different course codes.

- For example, HXE0A-B and BEC0A-B are exactly the same. You would take HXE0A-B if you wanted a credit in history and contemporary studies. You would take BEC0A-B if you wanted a credit in business studies.

Since cross-coded courses are exactly the same, you can receive credit for only one of them. Even if you somehow manage to take both courses, you will receive credit for only one. The other course will not count towards your high school diploma.

If a course is cross-coded, this will be stated clearly in the course description.

Background

After the description of each course, there is information about the recommended background, required background, prerequisite, or equivalency.

- **Recommended background** means that you should have studied the background course or material. You need a basic knowledge of the subject.
- **Required background** means that you need to have completed successfully the first part of a two-part course, as preparation for the second part.
- **Prerequisite** means that the Ministry of Education and Training requires you to have completed successfully the background course or courses indicated.
- **Or the equivalent** means that similar courses may be substituted for the background indicated.

How to Apply for Your First Course

1. Discuss your education plans with your family, friends, or ILC staff. Then apply for your first course.
2. Be sure that you have the correct application form. Information about the correct application form to use is given in the *ILC Student Guide*.
3. Give all the information asked for on the form. Use this guide to help you.
4. Enter your first and second choice of courses in the correct places. We need to know your second choice in case we are not able to enrol you in your first choice.
5. You will be enrolled in one course to start. If you want to take quarter-credit courses, you may be enrolled in two of these courses at the same time.
6. It is important that you fill in the correct course code. See "Course Codes and Credit Value" on page 7.
7. Sign the form. We can't enrol you if your application form is not signed.
8. Mail or bring your application form to the Independent Learning Centre. The addresses for our two offices are on page 9 of this guide.

Former ILC Students

If you were previously enrolled with ILC and wish to re-enrol, please call either of our offices for information on what to do.

Course Codes and Credit Value

All Ontario schools use standard five-character codes to identify credit courses. The Independent Learning Centre uses a sixth character to identify the edition of each course.

The following example of an ILC course heading will help you understand course codes and credit value.

Consumer Studies	(3) (4)	(5)
Course code: BCS2G-M		
Grade 10		1/2 credit
	(1) (2)	

① The first three characters of the course code are letters. They refer to the name of the course.
② The fourth character is a number and refers to the grade of the course.
 2 – Grade 10
 3 – Grade 11
 4 – Grade 12
 0 – Ontario Academic Course (OAC)*
BCS2G-M is a Grade 10 course.
③ The fifth character is a letter and refers to the level of difficulty.
 B – basic level
 G – general level
 A – advanced level
BCS2G-M is a general level course.

④ The sixth character is a letter and refers to the edition of the course. BCS2G-M is the first half of the Grade 10 Consumer Studies credit. Its follow-up is BCS2G-P.
⑤ Each ILC credit course is worth one credit, one half-credit, or one quarter-credit. Each time you complete a course successfully you earn one credit, one half-credit, or one quarter-credit.
A course worth one credit has 20 lessons. A course worth one half-credit has 10 lessons. A course worth one quarter-credit has 5 lessons. BCS2G-M is a 10-lesson course worth one half-credit.
Information on how credits may be added up to earn the OSSD is in the *ILC Student Guide*.

* For information about OACs, see the *ILC Student Guide*.

Additional Information

Courses With Videos

Videos have been added to some of ILC's credit courses.

- In some courses, the videos are **optional**.
- In other courses, the videos are a **necessary** part of the lessons, so you must have access to a VCR (VHS format) to complete these courses.

The course descriptions in this guide clearly state whether videos are optional or necessary.

College Exemptions for ILC Courses

Are you planning to enrol in a college of applied arts and technology?

Contact the admissions officer at the college and ask whether any ILC courses can be used to exempt you from any courses offered by the college.

Returning Materials

We recycle course materials. Please return your course materials to ILC when you complete the course or if you decide not to continue with it.

Since another student will use the course materials, please treat them with care.

Before Phoning ILC

ILC's telephone lines are very busy.

If you have a question, look for the answer in this *Course Guide* or in the *ILC Student Guide*. Most questions asked by students are answered in these guides.

Answers to Some Common Questions

I haven't received my course yet. Is there a problem?

- After requesting a course, please be patient. Expect to wait three weeks for the course to reach you.

Do I have to pass the final test?

- If there is a final test in the course, you must pass the test to receive credit.

When and where do I write the final test?

- If the course you are doing has a final test, information about when and where you will write the test will be sent to you automatically before you get to the last lesson.

See "Final Tests" in the "Certification" section of the *ILC Student Guide* for more information.

Why hasn't my teacher sent back my assignments yet?

- Write down the dates when you mail your assignments to your teacher. Most assignments are returned in less than three weeks.

I'm enrolled in a full-credit (20-lesson) course. Can I enrol in a second course now?

- Before you enrol in a second course, the assignments for the first **five** lessons of your current course must be completed, graded, and entered on ILC's computer.

I'm enrolled in a half-credit (10-lesson) course. Can I enrol in a second course now?

- Before you enrol in a second course, the assignments for the first **five** lessons of your current course must be completed, graded, and entered on ILC's computer.

I'm enrolled in a quarter-credit (5-lesson) course. Can I enrol in a second course now?

- If you want to enrol in a half-credit or full-credit course, you must wait until the assignments in one lesson in your quarter-credit course have been completed, graded, and entered on ILC's computer. You do not have to wait, however, to enrol in a second quarter-credit course.

I'm enrolled in two quarter-credit courses. Can I enrol in another course now?

- The assignments in each of these courses must be completed, graded, and entered on ILC's computer before you can enrol in any other course.

Do I have to return the materials from the last ILC course I completed before I can enrol in another course?

- Yes, you must return outstanding ILC materials for courses you have completed or discontinued.

What are maturity credits and how can I find out if I am eligible for them?

- To be eligible for maturity credits, you must be 18 years of age or older and out of school for at least one year. Students who have accumulated 26 credits or more are not eligible for maturity credits.

For more details, see "The Ontario Secondary School Diploma" in the "Certification" section of the *ILC Student Guide*.

How do I find out when TVO broadcasts the video series that go with ILC courses?

- Please call 1-800-INFOTVO or 1-800-463-6886.

Contacting ILC

Toronto

Mailing address:
Independent Learning Centre
20 Bay Street Suite 400
Toronto ON M5J 2W1

Reception and counter service: 3rd floor

Toronto area:

(416) 325-4388 (service in English only)
(416) 325-4360 (service in French only)

Toll-free:

1-800-387-5512 (service in English only)
1-800-265-0454 (service in French only)

FAX: (416) 325-4306

or

Sudbury

Independent Learning Centre
2141 Lasalle Boulevard
Sudbury ON P3A 2A3

Sudbury area:

(705) 688-3045 (service in French and English)

Toll-free:

1-800-461-6257 (service in French and English)

FAX: (705) 688-3050

All services are offered in both official languages in Toronto and Sudbury.

Office hours are 8:30 a.m. to 5:00 p.m., Monday to Friday. The hours for telephone enquiries are 11:00 a.m. to 5:00 p.m., Monday to Friday.

Part 2

Grade 9 Programs



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Part 2

Grade 9 Programs

About Grade 9

ILC has two Grade 9 programs. One Grade 9 program is for students under the age of 16. You can get information about this program by telephoning or writing ILC.

The other Grade 9 program is for adults and it is described here.

Grade 9 Program for Adults

If you have never taken a Grade 9 course or if you have not completed your Grade 9 program, you have two choices.

– You may start taking Grade 10 courses right now. Turn to page 15.

or

– You may prepare for Grade 10 courses by taking courses from ILC's Grade 9 program for adults.

The Grade 9 program for adults is designed for those who have a solid understanding of English, French, and/or mathematics and wish to review and further develop these skills before starting a Grade 10 course.

There are no credits for courses in the Grade 9 program. However, you may be able to get credit equivalents for the Grade 9 adult courses you complete if you have not already been granted credit for a similar course. Contact ILC to find out whether you are eligible for credit equivalents.

Descriptions of Courses in the Grade 9 Program for Adults

Languages

English

Course code: ENG1D-A

Grade 9

If you have well-developed reading and writing skills, this course will

- increase your enjoyment and appreciation of good writers and speakers
- help you improve your ability to write and speak effectively

In this 20-lesson course, you will be able to learn more about English as you read and respond to a wide range of literature, including short stories, poems, and essays. You will also develop your writing skills through revising, editing, and polishing the articles that you write.

Recommended background: none

Equipment: You will find an audiotape player helpful for this course.

French

Course code: FSF1D-A

Grade 9

If you do not have a background in elementary school French studied in Ontario, you should consider the introductory courses Beginners' French FSI2A-M and FSI2A-P. These courses are described on page 32.

If you have completed your studies in elementary school French in Ontario, you will be able to continue your French studies in secondary school with this course.

In this 20-lesson course, you will increase your skills in understanding, speaking, reading, and writing everyday French. You will also learn more about French in your community, Canada, and the rest of the world. This course will provide you with a firm foundation for studying Grade 10 French in the future.

Recommended background: completion of an Ontario elementary school core French program or FSI2A-P

Texts: R.G. Collins, A.M. Favrod, and G.R. McConnell, *Vive le français!*, Level 4
M. Kenney and D. Euler, eds., *Un grand salut!*

Equipment: You will need to use an audiotape player/recorder for this course.

Mathematics

Mathematics

Course code: MAT1D-A

Grade 9

This course will be available in January 1995.

This course will give you the background needed for future mathematics courses and a chance to practise the mathematics used in everyday life. The course has two purposes:

- to increase your enjoyment and appreciation of the role mathematics plays in everyday activities

- to help improve your ability to use mathematics effectively and with confidence

You will learn about mathematics through examples and familiar situations. You will have lots of opportunity to learn how to use your calculator and to practise the mathematical concepts, ideas, and skills that the course presents.

Recommended background: none

Equipment: You should have your own scientific calculator.

Part 3

Descriptions of Credit Courses

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Personal Life Management	48
Science	51
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Part 3

Descriptions of Credit Courses

All courses offered by the Independent Learning Centre have been developed according to the requirements of the Ontario Ministry of Education and Training.

Arts

You can use one full-credit course, or any combination of two half-credit courses, from this list of ILC arts courses as the compulsory arts credit needed for the Ontario Secondary School Diploma (OSSD).

General Level Courses

General level courses in the arts are designed for students who wish one or more of the following:

- to become aware of fundamental concepts in art design
 - to become aware of basic techniques and materials
 - to develop self-expression through creative art experience
 - to acquire skills in varying media
 - to begin preparation for a career in applied arts
 - to pursue a lifelong interest in art

Practical Art

Visual Arts – Drawing and Painting (Beginning in Art)

Course code: AVF2G-B

Grade 10

1 credit

By doing some of the tasks that artists do, you will come to an understanding of what art is. That's the idea behind this course, designed for the person who is interested in art and wants to develop more skills. It teaches the basic principles

of art by means of practical projects. You will learn basic drawing and painting skills through the use of artists' tools and materials.

You will send in practical projects for your teacher to evaluate.

Recommended background: none

Text: none

Equipment: You will need to buy your own art supplies. Instructions regarding the purchase of a complete art kit (at a cost of about \$25.00) will be sent to you with the first package of lesson materials.

Visual Arts – An Introduction to Information Design

Course code: AVD4G-M

Grade 12

What do ads, buttons, audio cassette boxes, and greeting cards all have in common? They present information. Their design involves choices concerning material, shape, colour, typefaces, and visuals. Learn some of the basics of information design as you work on practical projects.

Recommended background: none

Text: none

Equipment: You will need to buy your own art supplies. Instructions regarding the purchase of a complete art kit (at a cost of about \$25.00) will be sent to you with the first package of lesson materials.

Visual Arts – Drawing and Painting

Course code: AVF4G-Q

Grade 12

1½ credit

The emphasis in this course is on practising your drawing and painting skills. You will do practical exercises that involve the use of pencil and water colour.

The history of art, particularly as it relates to the practical exercises, is introduced in each lesson. It will help you to understand and complete your assignments.

Recommended background: a course in practical art, preferably AVF2G-B

Text: Gene A. Mittler, *Art in Focus*

Equipment: You will need to buy your own art supplies. Instructions regarding the purchase of a complete art kit (at a cost of about \$25.00) will be sent to you with the first package of lesson materials.

Art Appreciation and History

Visual Arts – Aesthetics and Appreciation

(Awareness in Action)

Course code: AVT3G-A

Grade 11

1 credit

Would you like to become more aware of the world in which you live and your response to it? In carrying out the practical projects that form the core of this course, you will find yourself looking at familiar objects in your environment from unexpected angles and discovering new relationships. Ultimately, this new awareness will allow you to learn more about yourself and the world around you.

Recommended background: Grade 10 English and an interest in art

Text: none

Advanced Level Courses

Advanced level courses in the arts are designed for students who wish one or more of the following:

- to study Ontario Academic Courses and/or university courses in the arts
- to acquire knowledge and develop skills in

preparation for a career in applied arts

- to develop self-expression through an appreciation of art and the challenge of practical projects
- to pursue a lifelong interest in art

Practical Art

Visual Arts – Drawing and Painting

(Style in Art)

Course code: AVF4A-P

Grade 12

1½ credit

In this course you will consider style in art. Through increased awareness of form, you will develop a distinctive style of expression. The course examines ten contrasting styles of modern painting, including fauvism, impressionism, primitivism, and abstraction.

Practical projects involve the use of watercolour, ink, and pastels.

Recommended background: a course in practical art, preferably AVF2G-B

Text: none

Equipment: You will need to buy your own art supplies. Instructions regarding the purchase of a complete art kit (at a cost of about \$25.00) will be sent to you with the first package of lesson materials.

Art Appreciation and History

Visual Arts – Art History

(Great European Art)

Course code: AVT3A-P

Grade 11

1½ credit

This course traces the history of European art, from the beginning of the Renaissance through the baroque and rococo periods to the eighteenth century. Great masters whose works you will study include Botticelli, Michelangelo, Dürer, Rubens, Rembrandt, Poussin, and Sir Christopher Wren. As well, you will review the principles of composition and the elements of design.

Recommended background: none

Text: none

Equipment: A portfolio of reproductions is sent to you on loan.

Business Studies

Business studies courses are intended to provide you with some of the skills and knowledge that you need to function in today's complex business world. At least one credit in either business or technological studies is needed for an Ontario Secondary School Diploma (OSSD).

Two additional business-related courses, Law and Entrepreneurship, are offered as part of the Personal Life Management program. They are described on page 49. Keep in mind that these two courses cannot be used toward the business or technological studies credit needed for an OSSD.

Basic Level Courses

Basic level courses in business studies are designed for students who wish one or both of the following:

- to gain a better understanding of how the business world affects their lives and how they can take advantage of the services it offers
- to go directly into the work force after graduating

Merchandising

Course code: BMM3B-P

Grade 11 ½ credit

This course will introduce you to the exciting world of merchandising. It will give you some basic skills to help you prepare for work in a retail store. Topics include how to handle cash, how goods and services get to the consumer, what an employer expects of an employee, and how to develop your job-search skills and interview techniques.

Recommended background: none

Text: none

Merchandising

Course code: BMM3B-P

Grade 11 ½ credit

BMM3B-P is a continuation of BMM3B-M. It will further develop your merchandising skills to help you prepare for work in a retail store. Topics include sales techniques, credit sales, record-keeping, inventory controls that reduce shoplifting, and advertising.

Required background: BMM3B-M or the equivalent

Text: none

General Level Courses

General level courses are designed for students who wish one or more of the following:

- to enter the workplace after graduating
- to further their studies in a college of applied arts and technology
- to acquire and learn to apply business-related skills

Consumer Studies

Course code: BCS2G-M

Grade 10 ½ credit

We are all consumers. With that in mind, this half-credit, 10-lesson course is designed to help you understand how the marketplace works and to make you a wise consumer. Topics in this course include an introduction to marketing, developing your shopping skills, obtaining credit and using it wisely, and managing your transportation dollar.

Recommended background: none

Text: none

Consumer Studies**Course code: BCS2G-P**

Grade 10

1/2 credit

BCS2G-P is a continuation of BCS2G-M. It is designed to help you further develop your skills as a consumer. Topics include finding housing accommodation to suit your needs, budgeting, banking, investing, recordkeeping, buying insurance, and consumer protection legislation.

Recommended background: none

Text: none

Keyboarding**Course code: BKI2G-M**

Grade 10

1/2 credit

This is an introductory course that you will find useful if you have no previous experience with keyboarding. In this course you will learn to key material using the touch system. You will learn how to format documents for business or personal use, including letters, memos, and reports. You will also be given the opportunity to use the keyboard to practise your written communications skills.

This course provides a foundation for all future courses in keyboarding. Instructions are provided for both computer keyboards and typewriters.

Recommended background: none

Text: none

Equipment: For this course, you will need to use a typewriter or a computer with word processing capabilities and a printer.

Accounting – Introduction**Course code: BAI3G-P**

Grade 11

1/2 credit

This course will give you a basic understanding of accounting principles and concepts, related to both business and personal use. Topics include the accounting cycle for a service business, journalizing and posting transactions, and preparing simple financial statements.

Recommended background: Grade 10 mathematics

Text: none

Accounting – Introduction**Course code: BAI3G-P**

Grade 11

1/2 credit

BAI3G-P is a continuation of BAI3G-M. It will further your understanding of accounting principles and concepts. Topics include control procedures for a business, petty cash and bank reconciliation statements, special journals, an introduction to payroll procedures, and careers in accounting.

Required background: BAI3G-M or the equivalent

Text: none

Entrepreneurship**Course code: BDE3G-M**

Grade 11

1/2 credit

An entrepreneur is someone who organizes and takes the risks of owning a business. This course will help you identify and develop the characteristics and skills that are important for success in the business world. Whether you plan to start your own business or work for a large organization, you will benefit from learning to examine your own strengths and limitations, identify business opportunities, and become a more creative thinker.

Recommended background: none

Text: none

Equipment: Since a video series accompanies this course, you will need to use a television and a VHS format videotape player.

Entrepreneurship**Course code: BDE3G-P**

Grade 11

1/2 credit

BDE3G-P is a continuation of BDE3G-M. It will further your understanding of the entrepreneurial spirit and the skills needed to start your own business.

Required background: BDE3G-M or the equivalent

Text: none

Equipment: Since a video series accompanies this course, you will need to use a television and a VHS format videotape player.

Information Processing

Course code: BSI3G-Q

Grade 11

1/2 credit

This course will help you develop the decision-making, communication, keyboarding, and production skills necessary to function effectively in an office environment. You will learn to use software applications for both word-processing and data-processing activities. Topics include the evolution of the office, business communications, preparation for an office career, letters and postal services, telephone communication, and advanced formatting.

A video series accompanies this course. You may choose to watch the series when it is broadcast by TVOntario or you may use the videotapes.

Prerequisite: a full credit in keyboarding

Text: Valerie S. Hume, *Information Processing in Today's Office*

Equipment: For this course, you will need to use a computer with word-processing, spreadsheet, and data base capabilities. If you wish to use the videotapes, you will need a television and a VHS format videotape player. It is possible to complete the course without watching the video series.

Information Processing

Course code: BSI3G-R

Grade 11

1/2 credit

BSI3G-R is a continuation of BSI3G-Q. It will help you further develop your decision-making, communication, and office production skills. Topics include telecommunications, electronic mail services, reprographics, spreadsheets and databases, and document assembly.

A video series accompanies this course. You may choose to watch the series when it is broadcast by TVOntario or you may use the videotapes.

Required background: BSI3G-Q or the equivalent

Text: Valerie S. Hume, *Information Processing in Today's Office*

Equipment: For this course, you will need to use a computer with word-processing, spreadsheet, and data base capabilities. If you wish to use the videotapes, you will need a television and a VHS format videotape player. It is possible to complete the course without watching the video series.

Accounting – Applications

(Applied Accounting)

Course code: BAA4G-M

Grade 12

1/2 credit

In your introductory accounting course, you learned the principles and concepts that are part of the accounting cycle. This course concentrates on the practical use of these principles and concepts in a realistic business setting. Topics include a brief review of the accounting cycle, accounts receivable and sales systems, and personal income tax.

Recommended background: BAI3G-M and BAI3G-P or the equivalent

Text: V. D'Amico and R. Wilson, *Applied Accounting*, 2nd ed.

Accounting – Applications

(Applied Accounting)

Course code: BAA4G-P

Grade 12

1/2 credit

BAA4G-P is a continuation of BAA4G-M. It will help you further develop your understanding of accounting by applying the concepts and principles of accounting to various realistic business situations. Topics include payroll systems, an introduction to cost accounting, and inventory control.

Required background: BAA4G-M or the equivalent

Text: V. D'Amico and R. Wilson, *Applied Accounting*, 2nd ed.

Economics

Course code: BEC4G-M

Grade 12

1/2 credit

It's time to stop feeling intimidated by the "science" of economics. In this introductory course you will study how people create a demand for products and you will investigate why certain goods are produced. You will also learn about inflation, unemployment, and international trade.

Note: BEC4G-M is a cross-coded course. It is exactly the same as HXE4G-M. If you want a half-credit in history and contemporary studies, take HXE4G-M. If you want a half-credit in business studies, take BEC4G-M. **Do not take both courses.** Since they are exactly the same, you can receive a half-credit for only one of them.

Recommended background: Grade 10 English or the equivalent

Text: none

Economics

Course code: BEC4G-P

Grade 12

1/2 credit

In this 10-lesson course you will continue the study of economics that you began in BEC4G-M. Topics include macroeconomics, international trade, monetary and fiscal policies, inflation, employment and unemployment, and the role of government in the economy.

Note: BEC4G-P is a cross-coded course. It is exactly the same as HXE4G-P. If you want a half-credit in history and contemporary studies, take HXE4G-P. If you want a half-credit in business studies, take BEC4G-P. The two courses are exactly the same, so you can receive a half-credit for only one of them.

Required background: BEC4G-M or the equivalent

Text: none

Law

Course code: BLW4G-T

Grade 12

1/2 credit

Every aspect of life in Canada is regulated by the law. It is important that you understand your rights and obligations under the law. This course will introduce the lawmakers and the law-making process under the *Charter of Rights and Freedoms*. You will gain an understanding of civil law, criminal law, trial procedures, classification of offences, and the role of the police in enforcing the law.

Note: BLW4G-T is a cross-coded course. It is exactly the same as HLW4G-T. If you want a half-credit in history and contemporary studies, take HLW4G-T. If you want a half-credit in business studies, take BLW4G-T. **Do not take both courses.** Since they are exactly the same, you can receive a half-credit for only one of them.

Recommended background: none

Text: none

Law

Course code: BLW4G-U

Grade 12

1/2 credit

BLW4G-U is a continuation of BLW4G-T. You will gain an understanding of your legal rights and obligations as they apply to marriage, divorce, and contracts.

Note: BLW4G-U is a cross-coded course. It is exactly the same as HLW4G-U. If you wish to earn a half-credit in history and contemporary studies, you should enrol in HLW4G-U. If you wish to earn a half-credit in business studies, you should enrol in BLW4G-U. The two courses are exactly the same, so you can receive a half-credit for only one of them.

Required background: BLW4G-T or the equivalent

Text: none

Advanced Level Courses

Advanced level courses are designed for students who wish one or more of the following:

- to take courses that emphasize theory rather than the application of theory
- to take courses that cover the topics in more depth than general or basic level courses
- to pursue postsecondary education at a university or in some programs at colleges of applied arts and technology

Accounting

Course code: BAC3A-A

Grade 11

1 credit

This is an introductory course in accounting theory. You will learn basic accounting concepts and theories and use accounting applications to understand these concepts and theories.

BAC3A-A concentrates on the accounting practices of a small business. It will help you gain an understanding of business in general. Topics include the accounting cycle, ledger systems, cash control and banking, analysis of financial statements and journals, and career awareness.

Note: This course is a prerequisite for OAC Accounting.

Recommended background: Grade 10 mathematics

Text: none

Notemaking

Course code: BSN3A-M

Grade 11

1/2 credit

Notemaking is an important skill that has both business and personal applications. It involves the recording and organization of information for use at a later date.

In this half-credit course you will learn the Forkner personal shorthand system. You will take dictation at speeds of up to 90 words per minute and begin to apply the Forkner system to the notemaking process.

Recommended background: Grade 10 English

Text: H. Forkner et al., *Forkner Shorthand*

Equipment: You will need to use an audiotape player for this course.

Ontario Academic Courses

Accounting

Course code: BAC0A-B

OAC

1 credit

While OAC Accounting will provide a good theoretical background if you intend to enter the work force after high school, it is mainly intended as preparation for studies at the university level.

After a brief review of fundamental accounting concepts and procedures, this course will provide you with an in-depth study of generally accepted accounting principles as well as business accounting. It will show you how to analyse financial data. The use of accounting as a decision-making tool is emphasized.

Prerequisite: BAC3A-A or the equivalent

Text: W. Meigs, R. Meigs, and W. Lam, *Accounting: The Basis for Business Decisions*, 5th Canadian ed.

Economics

Course code: BEC0A-B

OAC

1 credit

A knowledge of economics is essential for sound decision-making. This course in economic reasoning will help you develop the knowledge and skills you will need throughout life to make informed decisions and reasoned judgements about important economic questions facing your country, your society, and yourself. By the end of this course, you will be able to understand, interpret, and discuss the current economic events, issues, and theories that influence not only Ontario and the rest of Canada, but also Canada's relations with the rest of the world.

Note: BEC0A-B is a cross-coded course. It is exactly the same as HXE0A-B. If you want a credit in history and contemporary studies, take HXE0A-B. If you want a credit in business studies, take BEC0A-B. **Do not take both courses.** Since they are exactly the same, you can receive a credit for only one of them.

Prerequisite: at least one Senior advanced level social science credit

Text: Roy E. George, *Understanding the Canadian Economy: A Problems Approach to Economic Principles*

Computer Studies

The technology used to organize information has a profound effect on many areas of our lives. It is important to understand new forms of technology and the changes they bring so that we can be comfortable with them and use them effectively. Courses in computer studies provide this opportunity.

General Level Courses

Introduction to Computer Studies

(How They Work)

Course code: DIC2G-M

Grade 10	1/2 credit
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Computers are all around us. This half-credit, 10-lesson course deals with the computer: what it is, how it works, and what it can and cannot do. Topics include the parts of a computer, how a computer handles information, and an introduction to computer programming.

Note: You do not need to use a computer for this course.

Recommended background: none

Text: none

Introduction to Computer Studies

(Issues and Applications)

Course code: DIC2G-P

Grade 10	1/2 credit
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DIC2G-P is a continuation of DIC2G-M. It deals with the use of computers today and their probable uses in the future. It also deals with some of the problems that technology has created. Topics include how computers are used in areas such as education, medicine, and business; computer crime; and computer-related careers.

Note: You do not need to use a computer for this course.

Required background: DIC2G-M or the equivalent

Text: none

English

Five full credits in English are needed for an Ontario Secondary School Diploma (OSSD). These credits can be at the basic, general, or advanced level, but two of them must be from the Senior Division (Grade 11, Grade 12, or OAC).

Basic Level Courses

Basic level courses in English are designed for students who wish one or more of the following:

- to improve their reading and writing skills
- to improve their use of English in everyday life, including the workplace
- to review their English skills before taking a general or advanced level English course

If you want a practical approach to improving your reading and writing skills, you will find the following two courses helpful. Each course is worth one half-credit. To earn a full credit in Grade 10 basic level English, you should complete both ENG2B-M and ENG2B-P. Enrol first in ENG2B-M. When you have completed the assignments for the first five lessons and they have been marked by your teacher, you may ask to be enrolled in ENG2B-P.

English

Course code: **ENG2B-M**

Grade 10 ½ credit

Here is a course with a practical approach to studying English. It will help you improve your reading and writing skills. Topics include spelling and word usage, sentence structure, paragraph writing, descriptive language, and Canadian short stories.

An audiotape comes with each lesson, but you can complete the course without using the tapes. If English is a second language for you, however, you will find the tapes especially helpful.

Recommended background: none

Equipment: You will find an audiotape player helpful for this course.

English

Course code: **ENG2B-P**

Grade 10

½ credit

If you wish to continue to improve the skills you developed in ENG2B-M, then try this course. It is the next step. Topics include spelling, word usage, sentence structure, paragraphs and compositions, personal and business correspondence, Canadian short stories, and Canadian poetry.

An audiotape, which will help you understand the material, comes with each lesson. Although you do not need to use the tapes, they will help you improve your listening and speaking skills.

Required background: ENG2B-M or the equivalent

Equipment: You will find an audiotape player helpful for this course.

English

Course code: **ENG3B-M**

Grade 11

½ credit

In this 10-lesson course you will have an opportunity to read and respond to poetry, short stories, plays, excerpts from novels, and items from the media. You will also improve your writing and editing skills as you write paragraphs, letters, reports, and short compositions. There is audio material for seven of the lessons.

The emphasis in this course is on making language work for you. You will be able to develop and improve your reading and writing skills by working on your own projects as well as the material in the lessons.

Recommended background: ENG2B or the equivalent

Text: none

Equipment: You will need to use an audiotape player for this course.

English**Course code: ENG3B-P**

Grade 11

1/2 credit

This course will be available in November 1994.

This course is a continuation of English ENG3B-M and has the same emphasis on improving your reading, writing, and oral skills. You will once again read and respond to poetry, short reading passages, and newspaper and magazine articles. You will also study a short novel throughout the course. You will continue to improve your writing and editing skills by writing paragraphs, reports, and short compositions.

Recommended background: ENG3B-M or the equivalent

General Level Courses

General level courses in English are designed for students who wish one or more of the following:

- to acquire the English skills necessary for enrolling in a college of applied arts and technology or for employment
- to develop their appreciation of literature
- to develop their own writing and communication skills

English**Course code: ENG2G-B**

Grade 10

1 credit

If you wish to continue your study of English and you are ready to read and appreciate a novel and an autobiography, you will find this course interesting. In addition to the novel and autobiography, you will have a chance to read other types of Canadian literature and to develop your own writing skills. This course also provides information on the various forms of correspondence and on standard English usage and grammar.

Recommended background: none

Texts: *Emily Carr, Klee Wyck*
W. O. Mitchell, Who Has Seen the Wind

English**Course code: EWR2G-M**

Grade 10

1/2 credit

In this writing course you will have a chance to write reports, scripts, and articles for newspapers or magazines, as well as poetry and short stories. To help you with your writing, you will learn a variety of techniques for each stage of the writing process.

ILC and TVOntario have developed a video series based on EWR2G-M. You will be sent a cassette containing all ten of the videos, or you may watch the video series when it is broadcast by TVOntario. If you wish, you may also complete the course without watching the video series. The choice is yours.

Recommended background: none

Text: none

Equipment: If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

English

Course code: ENG3G-A

Grade 11

1 credit

Literature, largely Canadian, is studied in this course as the basis for understanding the creative process and for enjoying good writing. Short stories, poetry, plays, and a novel are included. The skills of editing and revising are taught throughout the course.

The course will also help you develop an accurate and clear writing style for your everyday needs, such as letters, reports, and summaries. You will gain confidence in expressing your views.

Recommended background: ENG2G or ENG2A or the equivalent

Texts: Cassie Brown, *Death on the Ice*
James A. McNeil, *Tigers of the Snow*

English Writing

Course code: EWR3G-M

Grade 11

½ credit

Would you like to become a reporter? Would you like to learn how to write with simplicity, clarity, and directness?

If so, this course, with its emphasis on the development of a concise and effective reporting style, should appeal to you. It is intended to help you write for any kind of news publication and to introduce you to the basic techniques of journalism. Topics include reporting, interviewing techniques, speeches, meeting reports, obituaries, and personality profiles.

ILC and TVOntario have developed a video series that will help you work through EWR3G-M. You will receive a cassette with the complete video series, or you may watch the video series when it is broadcast by TVOntario. You may also complete the course without watching the video series, if you prefer.

Recommended background: ENG2G or ENG2A or the equivalent

Text: none

Equipment: If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

English

Course code: ENG4G-M

Grade 12

½ credit

In this 10-lesson course you will have an opportunity to develop and improve your writing skills, to read and respond to a variety of literature, and to develop your research and organizational skills through an independent study project.

An audiotape comes with this course.

Recommended background: ENG3G or the equivalent

Text: none

Equipment: You will find an audiotape player helpful for this course.

English

Course code: ENG4G-P

Grade 12

½ credit

This 10-lesson course is a continuation of ENG4G-M. In it you will continue to develop your writing skills and improve your ability to conduct and evaluate your own learning projects. You will have a chance to read and respond to a variety of materials, including two novels.

Required background: ENG4G-M or the equivalent

Text: Ernest Hemingway, *The Old Man and the Sea*

Advanced Level Courses

Advanced level English courses are designed for students who wish one or both of the following:

- to prepare for university or certain programs at colleges of applied arts and technology
- to expand their knowledge and appreciation of a variety of literary genres

Students who enrol in advanced level English courses should have well-developed reading and writing skills.

English

Course code: ENG2A-M

Grade 10

½ credit

The study of English can involve many media, and ENG2A-M recognizes this. In this course you will enhance your reading comprehension skills by studying novels, short stories, and poetry. You will also study how English appears in a much wider variety of media, such as television, newspapers, and magazines.

Developing writing and editing skills is stressed in this course. The varied readings will serve as models to help you develop these skills.

Recommended background: none

Texts: Margaret Craven, *I Heard The Owl Call My Name*
John Stevens, ed., *Ten Canadian Short Plays*

English

Course code: ENG2A-P

Grade 10

½ credit

ENG2A-P is designed to complete the Grade 10 advanced level English credit that began with ENG2A-M. If you studied ENG2A-M, you will recognize the format and style of ENG2A-P.

The novel is the most important literary genre that you will study in this course. You will take an in-depth look at *The Third Man*, a short novel of mystery and suspense by Graham Greene. In keeping with the theme of media studies that was introduced in ENG2A-M, you will have a chance to work with a reading of this novel on an audiotape. You will also study five other novels, which have biographical and autobiographical themes. These novels will be used as the basis for an important feature of ENG2A-P, an independent study project. You will be given detailed guidance for this project, and you will be asked to submit the results of your independent research at two points during the course.

Recommended background: ENG2A-M or the equivalent

Texts: Christy Brown, *My Left Foot*

Susan Crean, *Newsworthy: The Lives of Media Women*

Mollie Gillin, *The Wheel of Things: A Biography of L.M. Montgomery*

Graham Greene, *The Third Man* and *The Fallen Idol*

A. Robert Prouse, *A Ticket to Hell*

David Suzuki, *Metamorphosis: Stages in a Life*

Equipment: You will need to use an audiotape player for this course.

English

Course code: ENG3A-M

Grade 11

½ credit

If you wish to prepare for the English OACs, this 10-lesson, half-credit course is designed for you. You will read short stories, a novel, poetry, and plays in order to practise your reading comprehension skills. You will also observe various literary techniques in action and respond to literature on a personal level. In the writing component of the course, you will have a chance to write frequently in a variety of forms and to polish your written work.

Recommended background: ENG2A or the equivalent

Text: Harper Lee, *To Kill a Mockingbird*

Equipment: You will need to use an audiotape player for this course.

English

Course code: ENG3A-P

Grade 11

½ credit

ENG3A-P is a continuation of ENG3A-M. In it you will read and respond on a personal level to a variety of literature, including a major play. You will expand your appreciation of literary techniques as you continue to develop your writing, research, and organizational skills.

Required background: ENG3A-M or the equivalent

Text: William Shakespeare, *Romeo and Juliet*

Equipment: You will need to use an audiotape player for this course.

English

Course code: ENG4A-B

Grade 12

1 credit

This course explores a wide variety of literary genres (novels, poetry, essays, short stories, and plays) and invites you to examine some of the great literary themes. The language component stresses the improvement of rhetorical skills. If you need to work on your writing, you will be helped on an individual basis with the language text *Mastering Effective English*. You will practise a wide variety of writing, some of which will be revised, edited, polished, and then kept in a "writing folder" as a record of your progress.

This course will be useful to you if you have highly developed English skills and are planning to take an Ontario Academic Course in English.

Recommended background: ENG3A or the equivalent

Texts: M.H. Larock, J.C. Tressler, and C.E. Lewis, *Mastering Effective English*, 4th ed.

John Steinbeck, *The Pearl*

D.H. Lawrence, *Sons and Lovers* or Hugh MacLennan, *Two Solitudes*

William Shakespeare, *Macbeth* or Arthur Miller, *Death of a Salesman*

English Literature

Course code: ELT4A-M

Grade 12

½ credit

Science fiction can provide thrilling entertainment and, at the same time, explore present-day social concerns and attitudes. In this course you will sample the shorter fiction of such masters of the genre as Arthur C. Clarke, Ray Bradbury, Isaac Asimov, and H.G. Wells. You will examine the themes and ideas of science fiction and take a critical look at the art of the short-story writer.

Topics include interplanetary travel, visits from outer space, time travel, life on other planets, robots and mechanical brains, eugenics and personality control, and the world of tomorrow.

Recommended background: ENG3G or ENG3A or the equivalent

Text: none

English Writing

Course code: EWR4A-M

Grade 12

½ credit

Would you like to develop your writing skills? The aim of this course is to make you critical of your own writing and to stimulate you to write well, the premise being that good writing is never easy.

Model passages and assignments in the lessons provide examples of techniques used in writing narration, description, exposition, poetry, and short stories, as well as in writing for newspapers, the stage, or the screen. Each lesson also gives you an opportunity for undirected personal expression.

Recommended background: ENG3G or ENG3A or the equivalent

Text: William Strunk, Jr., and E.B. White, *Elements of Style*, 3rd ed.

Ontario Academic Courses

The Ontario Academic Courses are designed mainly for students who are planning to attend university. To take an OAC English course, you must have at least one Senior English credit at the advanced level.

In English there are three OACs:

- OAC I: Language and Literature
- OAC II: The Writer's Craft
- OAC III: Studies in Literature

You may take one, two, or all three of these courses, depending on your postsecondary plans. However, if you are planning to attend university and wish to take only one OAC in English, you must take OAC I: Language and Literature.

In each OAC, evaluation is proportional, as follows:

- | | |
|-----------------------|-----|
| – written examination | 30% |
| – writing folder | 30% |
| – independent study | 20% |
| – lesson work | 20% |

As in all ILC courses with final tests, you must pass the final test in order to receive credit for these courses.

Language and Literature

Course code: ENG0A-A

OAC

1 credit

This course, which is designed to prepare you for university study, contains equal components of language and literature. The language component focuses on improving your language skills and examining good usage, structure, and style as they relate to the purpose and audience of a piece of writing. The literature component includes essays chosen for both their literary merit and their suitability as models for developing your thinking and language skills. You will also study a balanced selection of poems, prose fiction, and plays, including acknowledged classics.

Prerequisite: at least one Senior Division advanced level English credit

Texts: Margaret Laurence, *The Stone Angel*
William Shakespeare, *Hamlet*, Falcon ed.
H. Shaw, *The McGraw-Hill Handbook of English*, 4th Canadian ed.
Tom Stoppard, *Rosencrantz and Guildenstern Are Dead*

The Writer's Craft

Course code: EWC0A-A

OAC

1 credit

The Writer's Craft is not a creative writing course. However, you will find it valuable if you are interested in writing and are planning future study in an area that requires strong writing skills. During the course you will practise writing in different modes and styles for various purposes and audiences. In the language study component you will concentrate on improving your writing skills. You will examine good usage, structure, and style as they are used in different kinds of writing (academic, business, creative) and different genres (essays, speeches, drama, poetry, short stories). The literature component includes many short literary selections chosen as appropriate samples of the writer's craft, as well as articles about writing by writers.

Prerequisite: ENG0A-A

Note: You may take this course at the same time as ENG0A-A or after it.

Text: H. Shaw, *The McGraw-Hill Handbook of English*, 4th Canadian ed.

Studies in Literature

Course code: ELI0A-A

OAC

1 credit

This course is an in-depth study of literature. You will find it valuable if you have a special interest in literature and plan to continue your studies in the humanities. The language study component is designed to improve your writing skills by examining the techniques of good usage, structure, and style, and by exploring the craft of language in the literary selections studied. The literature component contains a balanced selection of prose, poetry, and drama from various literary periods. It is organized around certain archetypal patterns and themes so that you may become aware of the continuity and structural framework of literature.

Prerequisite: ENG0A-A

Note: You may take this course at the same time as ENG0A-A, or with EWC0A-A if you have already taken ENG0A-A.

Texts: Joseph Conrad, *Heart of Darkness*
F. Scott Fitzgerald, *The Great Gatsby*
William Shakespeare, *The Tempest*, Swan ed.
H. Shaw, *The McGraw-Hill Handbook of English*, 4th Canadian ed.

Family Studies

Family studies is the social science that looks at people's relationships with each other in the family and in society. The main purpose of family studies courses is to help you live effectively in your family today and in the future. These courses will help you develop understanding and learn special skills, such as problem-solving and decision-making, that will allow you to become a more productive individual and family member.

Any Grade 11, Grade 12, or OAC family studies credit can be used as the Senior Division social science credit needed for the Ontario Secondary School Diploma (OSSD).

General Level Courses

General level courses in family studies are designed for students who wish one or more of the following:

- to develop a wide range of skills that are useful in everyday life
- to understand the individual in relation to family, friends, and community
- to further their studies at a college of applied arts and technology
- to enter the workplace after graduating

Family Studies: Parenting

Course code: NFB3G-M

Grade 11 ½ credit

This 10-lesson course will introduce you to the important role of the individual and the family in today's society. You will gain an understanding of topics such as preparation for parenting, how to become an effective parent, and how the family is changing in today's complex society. You will also learn to become a more informed decision-maker within a family setting. No matter what your age, you will find this course interesting and useful.

Recommended background: none

Text: none

Note: Do not take both NFB3G-M and NFB3G-Q. They cover the same topics, so you can receive a half-credit for only one of them.

Family Studies: Parenting

Course code: NFB3G-Q

Grade 11

½ credit

NFB3G-Q covers the same topics as NFB3G-M. In NFB3G-Q, however, a video called *The Miracle of Life* is used instead of written information to cover the topics of conception and the beginning of life. You must be able to view the video if you choose this version of the course.

Note: Do not take both NFB3G-M and NFB3G-Q. Since they cover the same topics, you can receive a half-credit for only one of them.

Recommended background: none

Text: none

Equipment: You will need to use a VHS format videotape player and a television.

Family Studies: Parenting

Course code: NFB3G-P

Grade 11

½ credit

NFB3G-P is a continuation of NFB3G-M and NFB3G-Q. You will learn about the fascinating world of childhood and how a child develops. You will examine styles of parenting and learn about practical solutions to everyday family problems, such as choosing toys for an infant or a child, dealing with fights and rivalry, and helping children learn to take responsibility for their own actions. You will be expected to spend some time observing children and to report your observations.

Required background: NFB3G-M or NFB3G-Q or the equivalent

Text: none

Ontario Academic Courses

Ontario Academic Courses are designed mainly for students who are planning to attend university.

Families in Canadian Society

Course code: NFO0A-A

OAC

1 credit

This course will be available in January 1995.

All 20 lessons in this course focus on the Canadian family. Each lesson begins with background information, and most of the lessons include an activity to get you thinking about the topics covered in the lesson. The course is divided into six units which follow the stages of the family life cycle, starting with the young single person and ending with the family in later life.

As you work through the lessons, you will respond to material you read, complete an independent study project, and do two practical activities. These tasks will help you improve and apply your thinking, writing, problem-solving, and decision-making skills.

Your final mark for this course will be calculated as follows:

- assignments and notes	20%
- "Test Your Understanding"	15%
- independent study project	20%
- practical activities	15%
- final test	30%

As in all ILC courses with final tests, you must pass the final test in order to receive a credit for this course.

Prerequisite: at least one Senior Division advanced level English course

Text: P. Meiklejohn, A. Yeager, and L. Kuch,
Today's Family: A Critical Focus

One full credit in French is needed for an Ontario Secondary School Diploma (OSSD). This credit may be at any grade or level.

Advanced Level Courses

Introductory French

If you do not have a background of elementary school French studied in Ontario, you should consider enrolling in the introductory courses, Beginners' French FSI2A-M and FSI2A-P, before taking FSF2A-M.

Beginners' French

Course code: FSI2A-M

Introductory French	½ credit
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You should enrol in this course if you have not studied elementary school French. FSI2A-M is designed to introduce you to the skills of understanding, speaking, reading, and writing everyday French.

After completing this course, you will be ready to study FSI2A-P.

If you have taken some elementary school French in Ontario or some other formal French studies, you may choose to start with FSI2A-P rather than with this course.

Recommended background: This course can be taken by students with no background in formal French studies.

Text: none

Equipment: You will need to use an audiotape player/recorder for this course.

Beginners' French

Course code: FSI2A-P

Introductory French	½ credit
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This course is a continuation of FSI2A-M and completes the introduction to secondary school French studies. It follows the same format as FSI2A-M.

If you have completed some elementary school French in Ontario or some other formal French studies, you may choose to start French with this course instead of beginning with FSI2A-M.

After completing this course, you will be ready to study French FSF1D-A. The course description for FSF1D-A is on page 13.

Required background: FSI2A-M or the equivalent

Text: none

Equipment: You will need to use an audiotape player/recorder for this course.

French

Course code: FSF2A-M

Grade 10	½ credit
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This course is designed to follow French FSF1D-A, described on page 13. FSF2A-M has the same general goal as FSF1D-A—to develop skill in understanding, speaking, reading, and writing everyday French.

Grammar topics include verb tenses and pronoun usage. The grammar you learn will help you develop your speaking and writing skills. The readings have been specially designed to include the vocabulary and grammar you learned in earlier studies. Both the grammar and reading topics are actively reinforced by oral work done on a series of tapes.

Recommended background: a Grade 9 French course or the equivalent

Texts: R.G. Collins, A.M. Favrod, and G.R. McConnell, *Vive le français!*, Level 5
M. Kenney and D. Euler, eds., *Plein de vie*

Equipment: You will need to use an audiotape player/recorder for this course.

French**Course code: FSF2A-P**

Grade 10

1/2 credit

As a continuation of FSF2A-M, this course has the same general goal of language skill development through grammar study, oral practice with tapes, and specially designed readings. As in FSF2A-M, the reading selections will make you increasingly aware of French as it is used around the world.

Required background: FSF2A-M or the equivalent

Texts: R.G. Collins, A.M. Favrod, and G.R. McConnell, *Vive le français!*, Level 5
M. Kenney and D. Euler, eds., *Plein de vie*

Equipment: You will need to use an audiotape player/recorder for this course.

French**Course code: FSF3A-M**

Grade 11

1/2 credit

If you have completed FSF2A-P, you will feel very much at home with the skill-building techniques in this course. The ability to speak, understand, read, and write French is once again the main goal of the course but, as you might expect, the topics and demands are more advanced.

Most of the reading selections are short stories, but poetry and dialogues are also included.

Themes such as the modern film industry and the use of languages in professional life and travelling occur throughout the course.

As in all the previous courses in the series, speaking and comprehension skills are taught by means of tapes. A new feature in this course is the Reference Section. In the Reference Section you will receive step-by-step guidance in developing language skills such as writing compositions, book reports, and *dictées*.

Recommended background: FSF2A or the equivalent

Texts: R.G. Collins, A.M. Favrod, and G.R. McConnell, *Vive le français!*, Level 6
M. Kenney and D. Euler, eds., *Histoires de nos jours*

Equipment: You will need to use an audiotape player/recorder for this course.

French**Course code: FSF3A-P**

Grade 11

1/2 credit

FSF3A-P is designed to follow FSF3A-M. You will notice that it has the same types of grammar and reading topics, and the same teaching methods, such as the use of cassettes and the special skill-building Reference Section.

The grammar topics and reading selections in FSF3A-M and FSF3A-P are appropriate to the demands of French at the Senior level. After completing FSF3A-M and FSF3A-P, you may enrol in an Ontario Academic Course, such as FSG0A-A.

Required background: FSF3A-M or the equivalent

Texts: R.G. Collins, A.M. Favrod, and G.R. McConnell, *Vive le français!*, Level 6
M. Kenney and D. Euler, eds., *Un bel avenir*

Equipment: You will need to use an audiotape player/recorder for this course.

French**Course code: FSF4A-B**

Grade 12

1 credit

FSF4A-B is not available to day-school students who are now enrolled in an Ontario secondary school French program. It will be available to other students for a limited time only.

FSF4A-B is suitable only if you began your French studies in Grade 9 with no Ontario elementary school background and are re-entering or completing your French studies as a continuing education student. If you previously completed the former ILC course FSF3A-B, or the equivalent, you may enrol in FSF4A-B. After completing FSF4A-B, you may enrol in FSG0A-A for an OAC credit.

FSF4A-B includes dictation and comprehension exercises, and tests on cassettes. It also includes language study and plenty of extra reading practice. Most of the instructions and explanations are given in French. Topics include the future, conditional, and *passé simple* tenses; the present and past subjunctive; and demonstrative pronouns. As well, you will be introduced to the cultures of France and Quebec.

Recommended background: FSF3A-B or the equivalent

Texts: M. Kenney and D. Euler, eds., *Un bel avenir*
M. Kenney et al., *Passeport français*, Books 7 and 8

Equipment: You will need to use an audiotape player for this course.

Ontario Academic Courses

French

Course code: FSG0A-A

OAC	1 credit
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In this course you will study the works of francophone authors and use French extensively to express your ideas both orally and in writing. Grammar topics include the subjunctive, pronouns, articles, and negatives. Literary genres include poetry, short stories, and a modern play. You will continue to use cassettes for oral practice.

The final mark for this course is calculated in the following manner:

- oral work 30%
- written work 35%
- final test 35%

As in all ILC courses with final tests, you must pass the final test in order to receive a credit for this course.

Recommended background: FSF3A-M and FSF3A-P or FSF4A or the equivalent

Texts: R. Carrier, *Les enfants du bonhomme dans la lune*

G. Gélinas, *Hier, les enfants dansaient*

F.C.A. Jeanneret, E.E. Hislop, and M.H. Lake,
Cours moyen de français, Part II

Guy de Maupassant, *Contes choisis de Guy de Maupassant*

G. Simenon, *Maigret tend un piège*

Equipment: You will need to use an audiotape player/recorder for this course.

Geography

Geography is the study of space and place. It deals with where things are located and why they are there, and it allows you to expand your view of your community, country, and world. Geography covers a wide range of current topics from world hunger to global warming, pollution, and other environmental concerns.

GCA2B-M and GCA2B-P can be used for the compulsory Canadian geography credit for your Ontario Secondary School Diploma (OSSD).

Basic Level Courses

Basic level courses in geography are designed for students who wish one or more of the following:

- to learn how to locate and use information from maps, charts, graphs, and photographs
- to develop geography skills that are useful in everyday life
- to improve reading, writing, and listening skills
- to learn more about world geography and Canadian geography

Geography of Canada

Course code: GCA2B-P

Grade 10

1/2 credit

In this course you will study the geography of Canada with the characters of an imaginary family. You will learn interesting facts about Canada and discover how to get information from maps, charts, graphs, and photographs. You will also improve your reading, writing, and listening skills.

Audiotapes are included to help you with your lessons and assignments.

Recommended background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

Geography of Canada

Course code: GCA2B-P

Grade 10

1/2 credit

In this 10-lesson course you will learn more about the geography of Canada. You will also improve your reading skills as you read articles that include maps, charts, and graphs.

Audiotapes are included to help you with your lessons and assignments.

Required background: GCA2B-M or the equivalent

Text: none

Equipment: You will need to use an audiotape player for this course.

The Grade 11 guidance credit can be used as the Senior Division social science credit needed for an Ontario Secondary School Diploma (OSSD).

General Level Courses

General level courses in career planning are designed for students who wish one or more of the following:

- to develop a wide range of skills that are useful in searching for a job
- to find out more about career opportunities
- to decide which occupation best suits their own needs and talents

Career Development and Life Planning

Course code: NGD3G-B

Grade 11	1 credit
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This course will help you plan your future. It will help you learn more about yourself, decide which occupations might suit your own needs and talents, find out what career opportunities are available to you, and learn job-search skills such as writing résumés, applying for work, and dealing with interviews.

You will be asked to do some self-analysis, reading, and research, and to submit written assignments, questionnaires, and surveys.

Recommended background: reading and writing skills associated with ENG3G

Text: none

History and Contemporary Studies

History

History is the study of change — how the past is related to the present and the future. History courses lead you to a better understanding of the lives, ideas, and experiences of people from the earliest times to the present.

Any of the Grade 10 history courses can be used for the compulsory Canadian history credit you need for your OSSD. You can choose either HCT2B-M and HCT2B-P, or HCT2G-A, or HCT2A-Q and HCT2A-R.

Any Grade 11, Grade 12, or OAC history credit can be used as the Senior Division social science credit needed for an Ontario Secondary School Diploma (OSSD).

Basic Level Courses

Basic level courses in history are designed for students who wish one or more of the following:

- to learn about ideas, problems, events, and people in our history
- to find out how the past affects our lives today
- to develop skills that are useful in everyday life
- to develop reading, writing, and listening skills

Contemporary Canada: Life in the Twentieth Century

Course code: HCT2B-M

Grade 10 ½ credit

Ideas, problems, events, and people in twentieth-century Canada are the subject of this course. You will learn skills that will help you in your everyday life, and you will complete interesting assignments, such as crossword puzzles, quizzes, and map studies. Audiotapes are included to help you with your lessons and assignments.

Recommended background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

Contemporary Canada: Life in the Twentieth Century

Course code: HCT2B-P

Grade 10

½ credit

This 10-lesson course is a continuation of HCT2B-M. You will look at Canada and its relations with other countries after World War II. You will also look at some of the challenges that Canada faces as the year 2000 approaches.

Required background: HCT2B-M or the equivalent

Text: none

Equipment: You will need to use an audiotape player for this course.

General Level Courses

General level courses in history are designed for students who wish one or more of the following:

- to develop an understanding of the ideas, issues, events, and personalities in our history
- to learn how to deal with the issues of today's world
- to develop skills in communicating and problem-solving
- to learn how to participate fully in the Canadian democracy

Contemporary Canada: Life in the Twentieth Century

Course code: HCT2G-A

Grade 10

1 credit

This course will help you understand the ideas, issues, events, and personalities that have shaped twentieth-century Canada. You will develop skills to deal with the issues you face in today's world. Topics include government and law, English-French relations, Canada and the rest of the world, the two world wars, and Canada today.

Recommended background: none

Text: R.C. Kirbyson et al., *Discovering Canada: Shaping an Identity*

Advanced Level Courses

Advanced level courses in history are designed for students who wish one or more of the following:

- to study Ontario Academic Courses and/or university courses in the humanities and social sciences
- to develop skills that will help them become capable independent learners, thinkers, and evaluators
- to take a disciplined and rigorous approach to historical study

Contemporary Canada: Life in the Twentieth Century

Course code: HCT2A-Q

Grade 10

1/2 credit

Would you like to have a better understanding of the important ideas, issues, and events in twentieth-century Canada? This course is based on four topics: citizenship, English-French relations, Canadian-American relations, and international relations. While the emphasis is on contemporary concerns, past and future issues are also explored, particularly as they relate to current Canadian problems and concerns.

Recommended background: none

Text: none

Contemporary Canada: Life in the Twentieth Century

Course code: HCT2A-R

Grade 10

1/2 credit

This course will be available in January 1995.

HCT2A-R will give you the chance to develop an understanding of the Canadian political and legal system and an appreciation of the rights and responsibilities of citizens in Canadian society. You will come to realize that contemporary issues have roots in the past, a focus in the present, and implications for the future.

Required background: HCT2A-Q or the

equivalent

Text: none

Civilizations in History

Course code: HWC3A-X

Grade 11

1/2 credit

This 10-lesson course will help you develop an understanding of past civilizations in many parts of the world. You will have opportunities to improve your essay-writing skills and to establish criteria, formulate and test hypotheses, and develop your own understanding of the importance of different ancient civilizations.

As part of a partnership with TVOntario, their video series *Ancient Civilizations* will be sent to you along with the textbook for the course. The lessons, textbook, and video series all cover the same historical period, but each medium offers a different perspective. Your job as a historian will be to develop your own opinion based on your analysis of the information.

Recommended background: one credit in secondary school history

Text: M. Dale Davis, *Civilizations in History*

Video series: TVOntario, *Ancient Civilizations*

Equipment: For this course, you will need to use a VHS format videotape player.

Civilizations In History

Course code: HWC3A-Z

Grade 11

1/2 credit

HWC3A-Z is the continuation of HWC3A-X and the study of past civilizations. Among the topics you will examine are the triumph and decline of Rome, the rise of Europe, the impact of the Europeans on the Americas, and the approach of the modern era. As in HWC3A-X, you will receive the TVOntario video series *Ancient Civilizations* along with the textbook.

Required background: HWC3A-X or the equivalent

Text: M. Dale Davis, *Civilizations in History*

Video series: TVOntario, *Ancient Civilizations*

Equipment: For this course, you will need to use a VHS format videotape player.

Ontario Academic Courses

History: Modern Western Civilization

Course code: HWM0A-A

OAC

1 credit

In this course you will consider human beings and their world, including the individuals who have made important contributions to the development of knowledge and institutions in the Western world during the last three centuries. You will be given an opportunity to develop ideas and skills that will help you understand and contribute to the issues, values, and ideas that shape your community.

Prerequisite: at least one Senior Division advanced level social science credit

Text: none

Canada in a North American Perspective

Course code: HCN0A-B

OAC

1 credit

This course examines and compares the experiences of Canada and the United States to give you an in-depth understanding and appreciation of North American civilization. North Americans on both sides of the border have shared many experiences, yet different environmental and historical factors have created important differences between the two societies. The theme that Canada and the United States have been both linked and separated during their common history runs throughout this course.

Prerequisite: at least one Senior Division advanced level social science credit

Text: none

Contemporary Studies

The contemporary studies program examines present-day affairs. In particular, it examines the structure and operation of social institutions. Courses in this program also look at what motivates people to behave the way they do.

Any Grade 11, Grade 12, or OAC contemporary studies credit can be used as the Senior Division social science credit needed for an Ontario Secondary School Diploma (OSSD).

General Level Courses

General level courses in contemporary studies are designed for students who wish one or both of the following:

- to develop a wide range of skills that are useful in everyday life
- to focus on the individual in relation to his or her family, friends, community, nation, and the world

People of Native Ancestry

Course code: HNA3G-M

Grade 11

1/2 credit

Canada's Native People have played a major role in our country's past and they remain an important part of our society and culture. Today, more Canadians are developing an interest in and appreciation of Native culture, contributions, and heritage. This course will help you become more knowledgeable about the history and culture of Native People in Canada.

Recommended background: Grade 10 English or the equivalent

Text: Donald M. Santor, *Canada's Native People*

Economics

Course code: HXE4G-M

Grade 12

1/2 credit

It's time to stop feeling intimidated by the "science" of economics. In this introductory course you will study the demand that people create for products and investigate why certain goods are produced. You will also learn about inflation, unemployment, and international trade.

Note: HXE4G-M is a cross-coded course. It is exactly the same as BEC4G-M. If you want a half-credit in business studies, take BEC4G-M. If you want a half-credit in history and contemporary studies, take HXE4G-M. **Do not take both courses.** Since they are exactly the same, you can receive a half-credit for only one of them.

Recommended background: Grade 10 English or the equivalent

Text: none

Economics

Course code: HXE4G-P

Grade 12

1/2 credit

In this 10-lesson course you will continue the study of economics that you began in HXE4G-M. Topics include macroeconomics, international trade, monetary and fiscal policies, inflation, employment and unemployment, and the role of government in the economy.

Note: HXE4G-P is a cross-coded course. It is exactly the same as BEC4G-P. If you want a half-credit in business studies, take BEC4G-P. If you want a half-credit in history and contemporary studies, take HXE4G-P. **Do not take both courses.** Since they are exactly the same, you can receive a half-credit for only one of them.

Required background: HXE4G-M or the equivalent

Text: none

Law

Course code: HLW4G-T

Grade 12

1/2 credit

Many aspects of life in Canada are regulated by the law. It is important that you understand your rights and obligations under the law. This course will introduce the lawmakers and the law-making process under the *Charter of Rights and Freedoms*. You will gain an understanding of civil law, criminal law, trial procedures, classification of offences, and the role of the police in enforcing the law.

Note: HLW4G-T is a cross-coded course. It is exactly the same as BLW4G-T. If you want a half-credit in business studies, take BLW4G-T. If you want a half-credit in history and contemporary studies, take HLW4G-T. **Do not take both courses.** Since they are exactly the same, you can receive a half-credit for only one of them.

Recommended background: none

Text: none

Law

Course code: HLW4G-U

Grade 12

1/2 credit

HLW4G-U is a continuation of HLW4G-T. You will gain an understanding of your legal rights and obligations as they apply to marriage, divorce, and contracts.

Note: HLW4G-U is a cross-coded course. It is exactly the same as BLW4G-U. If you wish to earn a half-credit in business studies, you should enrol in BLW4G-T. If you wish to earn a half-credit in history and contemporary studies, you should enrol in HLW4G-U. The two courses are exactly the same, so you can receive a half-credit for only one of them.

Required background: HLW4G-T or the equivalent

Text: none

Advanced Level Courses

Advanced level courses in contemporary studies are designed for students who wish one or more of the following:

- to study Ontario Academic Courses and/or university courses in the humanities and social sciences
 - to develop skills that will help them become capable independent learners, thinkers, and evaluators
 - to focus on the individual in relation to his or her family, friends, community, nation, and world

Society: Challenge and Change

Course code: HSC4A-M

Grade 12 1½ credit

In order to deal with contemporary social issues and problems, we must become mature, rational, caring citizens. This course will introduce you to the study of social organization and human behaviour. As well, it will examine the pressures that technology and social changes bring to our society. You will explore the ways that individuals see themselves and others, relate to others in a variety of social settings, and adapt to a constantly changing society.

Among the topics you will study are what it means to be human, the development of human personality, the nature of deviance, dealing with deviance, the importance of language to humans, and the mass media and social values.

Recommended background: one credit in secondary school history

Text: none

Society: Challenge and Change

Course code: HSC4A-P

Grade 12

1/2 credit

In this 10-lesson course you will continue the study of society that you began in HSC4A-M. Among the topics you will study are social class and inequality, work and alienation, ethnicity and gender, the history and current status of the family, violence in our society, and the future of our society.

Required background: HSC4A-M or the equivalent

Text: none

Ontario Academic Courses

Economics

Course code: HXE0A-B

OAC 1 credit

A knowledge of economics is essential for sound decision-making. This course in economic reasoning will help you develop the knowledge and skills you will need throughout life to make informed decisions and reasoned judgements about important economic questions facing your country, your society, and yourself. By the end of this course, you will be able to understand, interpret, and discuss the current economic events, issues, and theories that influence not only Ontario and the rest of Canada, but also Canada's relations with the rest of the world.

Note: HXE0A-B is a cross-coded course. It is exactly the same as BEC0A-B. If you want a credit in business studies, take BEC0A-B. If you want a credit in history and contemporary studies, take HXE0A-B. **Do not take both courses.** Since they are exactly the same, you can receive a credit for only one of them.

Prerequisite: at least one Senior Division advanced level social science credit

Text: Roy E. George, *Understanding the Canadian Economy: A Problems Approach to Economic Principles*

Mathematics

Two mathematics credits are needed for an Ontario Secondary School Diploma (OSSD). These two credits can be at the basic, general, or advanced level of difficulty.

Basic Level Courses

Basic level courses in mathematics are designed for students who wish one or more of the following:

- to gain more understanding, skill, and confidence in mathematics
- to learn more about how to use mathematics in everyday life
- to study mathematics up to Grade 12, but not beyond

Basic level courses are straightforward courses designed for students who have found mathematics difficult in the past.

If you wish to prepare for postsecondary education or training, choose courses from the general level or advanced level of difficulty.

Mathematics for Work and Home

Course code: MTW2B-P

Grade 10 ½ credit

You will find this course useful if you have had difficulty in mathematics and wish to improve your skills in mathematics for everyday situations at home and at work.

This 10-lesson course will teach you how to use mathematics in the following types of situations: getting a job and understanding your pay-cheque; keeping a bank account; buying and maintaining a car; calculating the cost of hobbies, vacations, and entertainment; and working part time or full time.

Your skills will be carefully developed and reinforced in each lesson.

Recommended background: Grade 9 mathematics or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations.

Mathematics for Work and Home

Course code: MTW2B-P

Grade 10

½ credit

MTW2B-P is a continuation of MTW2B-M. It will give you a second half-credit in Grade 10 basic level mathematics.

This course emphasizes how to use mathematics in day-to-day situations. Topics include renting or buying a home, maintaining and repairing a home, planning a garden, planning a weekend, reading the sports pages, and calculating your fitness level.

Required background: MTW2B-M or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations.

General Level Courses

General level courses in mathematics are designed for students who wish one or more of the following:

- to acquire the practical skills necessary for business applications, apprenticeship, and/or enrolment in a college of applied arts and technology
- to study mathematics at a level more demanding than the basic level

If, in the past, you have not been interested or skilled in the more abstract aspects of mathematics, and if you are not planning to study mathematics or courses that require mathematics at university, then you should study mathematics at the general level.

Mathematics**Course code: MAT2G-M**

Grade 10

1/2 credit

This 10-lesson course is designed to help you develop your understanding of the mathematics you will need if you want to take Grade 11 Technical Mathematics or Grade 11 Business and Consumer Mathematics. It will help you develop a positive attitude toward mathematics and build your mathematical skills and problem-solving abilities. The emphasis throughout the course is on developing mathematical ideas using examples and applications. Using your calculator to work through problems is stressed. Topics include statistics, personal finances and banking, borrowing and saving, and geometry.

Recommended background: Grade 9 mathematics or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations.

Mathematics**Course code: MAT2G-P**

Grade 10

1/2 credit

Designed to follow MAT2G-M, this 10-lesson course continues to help you develop your understanding of the mathematics you will need for Grade 11 Technical Mathematics or Grade 11 Business and Consumer Mathematics.

Mathematical ideas are presented using examples and applications. As in MAT2G-M, you will learn to use your calculator to help you solve problems. Topics include algebra, geometry, graphing, and problem-solving.

Required background: MAT2G-M or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations.

Mathematics for Business and Consumers**Course code: MTB3G-M**

Grade 11

1/2 credit

MTB3G-M is a 10-lesson course, designed to develop your understanding of the mathematics used in tasks such as buying and selling, managing savings and investments, and calculating income tax. Skill in operating a calculator is developed. Examples and practice exercises with complete solutions are provided. This course not only offers practical assistance in everyday business mathematics, but also gives you some of the necessary background for courses in business studies.

ILC and TVOntario have developed a video series based on Business and Consumer Mathematics. You will be sent a cassette containing the video series, or you may watch the video series when it is broadcast by TVOntario. You may complete the course without watching the video series but you will miss seeing some helpful ideas.

Prerequisite: MAT2G or MAT2A or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations. If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Mathematics for Business and Consumers**Course code: MTB3G-P**

Grade 11

1/2 credit

Designed to follow MTB3G-M, this 10-lesson course continues to emphasize practical mathematics. Skill in using a calculator is further developed.

ILC and TVOntario have developed a video series that covers some of the skills taught in the second half of Business and Consumer Mathematics. You will be sent a cassette containing the video series, or you may watch the video series when it is broadcast by TVOntario. If you wish, you may complete the course without watching the video series.

Required background: MTB3G-M or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own calculator to help with tedious calculations. If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Mathematics for Technology

Course code: MTT3G-M

Grade 11

1/2 credit

In this 10-lesson course you will develop your understanding of the mathematics needed to succeed in a diploma-level technology program at a college of applied arts and technology. As well, you will develop your confidence in doing numerical calculations with your calculator, and you will improve your skill in solving problems using algebra. The mathematical ideas in this course are applied to real-life shop and technical problems as much as possible. Topics include powers, roots, and radicals; estimation and accuracy; exponents; ratio, rate, and proportion; polynomials; equations and formulas; the quadratic equation; interest; and present value.

ILC and TVOntario have developed a video series that covers some of the topics in Mathematics for Technology. You will be sent a cassette containing the video series, or you may watch the video series when it is broadcast by TVOntario. Although the video series will help you work through the lessons, you may complete the course without watching the series.

Prerequisite: MAT2G or MAT2A or the equivalent

Text: none

Equipment: You will find the course more enjoyable if you have your own scientific calculator to help with tedious calculations. If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Mathematics for Technology

Course code: MTT3G-P

Grade 11

1/2 credit

Designed to follow MTT3G-M, this 10-lesson course will continue to develop your skills in doing numerical calculations with your calculator and in solving problems using algebra.

Application of the mathematical ideas to real-life shop and technical problems is stressed. Topics include properties of geometric shapes, measurement, trigonometry, personal finances, graphing, the straight line, variation, solving systems of equations, and the cost of operating a vehicle.

ILC and TVOntario have developed a video series based on the second half of Mathematics for Technology. Although you will be able to complete the course without watching the video series, the series will help you with the course. You may use the cassette that is sent to you or you may watch the series when it is broadcast by TVOntario.

Required background: MTT3G-M or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations. If you want to watch the video series on the cassette, you will need a VHS format video tape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need a television.

Mathematics for Technology

Course code: MTT4G-M

Grade 12

½ credit

Would you like to improve your calculator skills and your algebraic skills? This course will help you develop the skills that are needed for diploma-level technological programs at colleges of applied arts and technology. Like MTT3G, the mathematics in this course will be applied to real-life shop and technical problems as much as possible. Topics include estimation, exponents, the Pythagorean Theorem, ratio and proportion, polynomials, factoring, rational expressions, solving equations, the quadratic equation, formulas, and Euclidean geometry.

Prerequisite: MTT3G or MAT3A or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Mathematics for Technology

Course code: MTT4G-P

Grade 12

½ credit

Designed to follow MTT4G-M, this 10-lesson course will continue to develop your skills in doing numerical calculations with your calculator and in solving problems using algebra.

Application of the mathematical ideas to real-life shop and technical problems is stressed. Topics include trigonometry, forces and vectors, analytical geometry, and mathematics for the informed citizen.

Required background: MTT4G-M or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Advanced Level Courses

Advanced level courses in mathematics are designed for students who have a special interest in mathematics, are able to work with abstract ideas, and wish one or more of the following:

- to study mathematics at least to the end of secondary school
- to take courses that are based more on theory than on everyday situations
- to take courses that are academically challenging
- to prepare for study at a university

Mathematics

Course code: MAT2A-A

Grade 10

1 credit

Presented in a highly personal style, this 20-lesson course makes use of familiar everyday happenings to show that mathematics can be both fun and stimulating. There are many helpful examples and practice exercises. Topics include statistics, radicals, polynomials, graphs and relations, variation, linear systems, transformations, deductive geometry, and three-dimensional geometry.

Recommended background: Grade 9 mathematics or the equivalent

Text: none

Mathematics

Course code: MAT3A-Q

Grade 11

½ credit

This 10-lesson course is designed to help you prepare for Ontario Academic Courses in mathematics. It will help you understand the principles of mathematics and develop the mathematical skills commonly used in other subject areas. Each lesson includes a number of examples, as well as practice exercises with complete solutions. The correct use of a scientific calculator is also taught through examples. Skills in geometry and algebra that were developed in previous courses are strengthened.

Prerequisite: MAT2A or MTT3G or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Mathematics

Course code: MAT3A-R

Grade 11

½ credit

MAT3A-R is a 10-lesson course designed to follow MAT3A-Q. Topics include investment mathematics (for example, interest and annuities) and functions (for example, the quadratic function). The format is similar to that of MAT3A-Q, and the use of a scientific calculator continues to be emphasized.

Required background: MAT3A-Q or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Mathematics

Course code: MAT4A-M

Grade 12

½ credit

This 10-lesson course is designed to help you prepare for Ontario Academic Courses in mathematics. You will develop skills that are commonly used in other disciplines, learn more about using a scientific calculator, and improve your problem-solving abilities and your skills in geometry and algebra.

The processes of modelling, problem-solving, and application are used to explain the topics that are covered. These topics include polynomials and equations, absolute value, graphing relations, congruence, parallelism, similarity, and the geometry of circles.

Prerequisite: MAT3A or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Mathematics

Course code: MAT4A-P

Grade 12

½ credit

MAT4A-P is a continuation of MAT4A-M and will give you a second half-credit in advanced level mathematics. Completing this course will help you prepare for Ontario Academic Courses in mathematics and also gain an appreciation of the overall structure of mathematics.

Topics include trigonometry, trigonometric equations and identities, exponential and logarithmic functions, and the composition of functions.

Required background: MAT4A-M or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Ontario Academic Courses

Ontario Academic Courses in mathematics are designed to help students

- understand the principles of mathematics
- develop skills that are commonly used in mathematics and related disciplines at the university level
- extend their communication skills using the language and notation of mathematics
- develop an appreciation of the role of proofs in the study and application of mathematics

Finite Mathematics

Course code: MFNOA-B

OAC

1 credit

The Finite Mathematics course is appropriate if you do not require the Calculus course as a prerequisite for a university program. It can also serve as a complement to the Calculus course if you plan to continue your study of mathematics at university. Topics include applications of matrix algebra, solving systems of equations and inequations, permutations, combinations, the Binomial Theorem, finite series, probability and its application, and statistics.

Prerequisite: MAT3A or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Calculus

Course code: MCA0A-A

OAC

1 credit

Calculus is the study of how one variable changes with respect to another variable. This 20-lesson course stresses an intuitive approach to calculus through applications and examples. The use of calculus for modelling in applications and problem-solving is also stressed. Topics include limits; simple derivatives and derivatives of trigonometric, exponential, and logarithmic functions; tangents; rates of change; extreme values; curve sketching; differential equations; and area.

This course is appropriate if you plan to study calculus at the university level or if you wish to enter an engineering program or a program in the natural or applied sciences.

Prerequisite: MAT4A or the equivalent

Text: none

Equipment: You will find this course more enjoyable if you have your own scientific calculator to help with tedious calculations.

Personal Life Management

People today are faced with many social challenges, such as rapid technological and economic changes, new family patterns, an aging population, and a variety of lifestyles. In order to help you understand these changes and acquire the skills to deal with them, the Personal Life Management program has been developed.

This program will give you a chance to explore a variety of topics. You may select as many of the courses as you wish. You can use any combination of the Personal Life Management courses for the Senior Division social science credit that you need for the Ontario Secondary School Diploma (OSSD).

The following courses have been developed as Grade 11 general level courses:

- Aging
- Career Planning
- Entrepreneurship
- Law
- Nutrition
- Parenting
- Resources Management
- The Successful Student
- Well-Being

Students may study one or any combination of these courses. A description of each course follows.

General Level Courses

Aging

Course code: NMG3G-J

Grade 11

1/4 credit

Although all living things age, many people have an unrealistic picture of the elderly and the aging process. We often do not take the time to think about what aging means, both to ourselves and to others. This course will give you a chance to gain a better understanding of aging in our society.

Topics covered include the aging process, support services in the community, retirement, family life, and positive attitudes toward aging.

Note: Do not take both NMG3G-J and NMG3G-G. They cover the same topics, so you can receive a quarter-credit for only one of them.

Recommended background: none

Text: none

Aging

Course code: NMG3G-G

Grade 11

1/4 credit

This course covers the same topics as NMG3G-J. In NMG3G-G, however, a video called *Love's Labour* presents a realistic picture of various aspects of aging in our society. The video replaces written information about these aspects of aging. You must be able to view the video if you choose this version of the course.

Note: Do not take both NMG3G-G and NMG3G-J. Since they cover the same topics, you can receive a quarter-credit for only one of them.

Recommended background: none

Text: none

Equipment: For this course, you will need to use a VHS format videotape player and a television.

Career Planning**Course code:** NMC3G-J

Grade 11

1/4 credit

Are you job hunting? This Career Planning course will help you focus your activities and develop your job search skills. You will analyze yourself, explore possible career options, and plan how to manage your career. You will prepare a résumé and learn how to present yourself for an interview.

Recommended background: none

Text: none

Entrepreneurship**Course code:** NME3G-J

Grade 11

1/4 credit

Have you ever thought about working for yourself? To be successful, you need to have what some people call the "entrepreneurial spirit"—you must be able to make your own decisions, be prepared to take risks, and exercise your creativity. In this course, you will look at what you have to do to start and run a successful business. Topics covered include the characteristics of an entrepreneur, and planning, managing, and expanding a business.

Recommended background: none

Text: none

Law**Course code:** NML3G-J

Grade 11

1/4 credit

Since laws affect everyone's daily life, it is important that you have some knowledge of our laws and legal system. This course will provide you with a good overview of the law as it affects you from day to day. Family issues such as divorce and support, living and working in a community, community resources, and criminal issues are some of the topics covered in this course.

Recommended background: none

Text: none

Nutrition**Course code:** NMN3G-J

Grade 11

1/4 credit

The food we eat affects our health. This course will increase your knowledge of the relationship between nutrition and health. You will have a chance to look at your present diet and to develop a personal food plan that is not only healthy but reflects your lifestyle and tastes. Topics covered include nutrition and health; choosing food; healthy weight control; meal patterns and nutrition; and food shopping, storage, and preparation.

ILC and TVOntario have developed a video series based on NMN3G-J. You will be sent a cassette containing the videos, or you may watch the video series when it is broadcast by TVOntario. Although the video series will help you work through the lessons, you may complete the course without watching it. The choice is yours.

Recommended background: none

Text: none

Equipment: If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Parenting**Course code:** NMP3G-J

Grade 11

1/4 credit

Whether you are already a parent, thinking about starting a family, or simply interested in how children develop, this course will increase your understanding of the art and science of being a parent. In this course you will look at preparation for parenthood, early childhood development, the role of a parent, and the rights of children.

ILC and TVOntario have developed a video series based on NMP3G-J. You will be sent a cassette containing the videos, or you may watch the video series when it is broadcast by TVOntario. You may complete the course without watching the video series, but you will miss seeing examples of effective parenting.

Recommended background: none

Text: none

Equipment: If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Resources Management

Course code: NMM3G-J

Grade 11

1/4 credit

We all need to have food, shelter, and clothing, and to feel independent and secure. In this course you will learn how to use your time, money, and talents to fulfil these basic needs. You will learn about handling your personal resources, managing your time and money, and discovering your hidden talents.

Recommended background: none

Text: none

The Successful Student

Course code: NMT3G-M

Grade 11

1/2 credit

This course will be available in January 1995.

Like many people, you are probably used to having others determine what and how you learn. However, there is more to education than having someone else take control. To be a truly successful learner, you must be an active participant in your own learning. This 10-lesson course will help you assume more control of your own education by developing your role as a self-directed learner. Effective decision-making, time management, the use of personal resources, and the development of study techniques are a few of the topics that are included in this course.

Recommended background: none

Text: none

Well-Being

Course code: NMW3G-J

Grade 11

1/4 credit

In this course well-being is defined as the "wellness" that you feel when you are mentally, socially, and physically healthy. These lessons will help you understand what well-being is, how it can be achieved and maintained, and why it is important to your personal life. Topics that you will learn more about include the nature of well-being, levels of well-being, influences on well-being (for example, habits, work, and stress), and planning and achieving personal well-being.

ILC and TVOntario have developed a video series based on NMW3G-J. You will be sent a cassette containing the videos or you may watch the video series when it is broadcast by TVOntario. Although the video series will help you work through the lessons, you may complete the course without watching it. The choice is yours.

Recommended background: none

Text: none

Equipment: If you want to watch the video series on the cassette, you will need a VHS format videotape player and a television. If you want to watch the series when it is broadcast by TVOntario, you will need only a television.

Two science credits are needed for an Ontario Secondary School Diploma (OSSD). These two credits can be at the basic, general, or advanced level of difficulty.

Basic Level Courses

Basic level courses in science are designed for students who wish one or more of the following:

- to improve their job-related skills, such as observing, reporting, and summarizing information
- to better understand current issues in science
- to become aware of the ways in which science affects their lives

Science

Course code: SNC2B-M

Grade 10

1/2 credit

This 10-lesson course discusses a variety of current scientific issues. Topics include our surroundings, from the tiniest cells to the far reaches of outer space; the skin and the tanning process; drugs and alcohol; and cigarette smoking.

There are simple experiments for you to perform in your home, making use of common, safe materials.

Recommended background: none

Text: none

Science

Course code: SNC2B-P

Grade 10

1/2 credit

SNC2B-P is a continuation of SNC2B-M. It will give you a second half-credit in Grade 10 basic level science. Topics include types of diseases, the respiratory system, the circulatory system, the skeletal system, the reproductive system, the digestive system, food labels, the chemistry of drinks, chemical changes, and fire safety.

There are simple experiments for you to perform in your home, making use of common, safe materials.

Required background: SNC2B-M or the equivalent

Text: none

General Level Courses

General level courses in science are designed for students who wish one or more of the following:

- to prepare for employment or for further studies in programs at colleges of applied arts and technology
- to better understand the practical side of science and the application of science to technology
- to develop problem-solving skills
- to become aware of the ways in which science affects our lives

Science

Course code: SNC2G-A

Grade 10

1 credit

This 20-lesson course provides a balance among biology, chemistry, physics, and environmental science. Each of these areas relates science to everyday experiences that are familiar to you. Topics include ecology, magnetism and electrostatics, energy, chemistry, respiration, the digestive and circulatory systems, mines and minerals, and forestry.

Recommended background: none

Text: none

Advanced Level Courses

Advanced level courses in science are designed for students who wish one or more of the following:

- to develop the academic skills needed for further studies at university or in certain programs at colleges of applied arts and technology
- to understand the theoretical principles, practical applications, and societal implications of science
- to develop problem-solving skills

Biology

Course code: SBI3A-M

Grade 11

$\frac{1}{2}$ credit

Biology is the study of life, living organisms, and vital processes. This 10-lesson survey course in biology will allow you to study a broad range of biological topics rather than only a few in detail. You will learn about the scientific process and begin to understand many biological concepts.

Topics covered in this course include the cell, cell organelles and transport, mitosis and meiosis, viruses and bacteria, bacterial growth and disease, and plants.

There are experiments and activities for you to perform in your home, making use of common, safe materials.

Note: SBI3A-M and SBI3A-P are both prerequisites for OAC Biology.

Recommended background: Grade 10 advanced level science or the equivalent

Text: none

Equipment: You will receive a biology kit on loan.

Biology

Course code: SBI3A-P

Grade 11

$\frac{1}{2}$ credit

In this 10-lesson course you will complete the broad study of biological topics that you began in SBI3A-M. You will learn about Mendelian genetics; vertebrate structure, movement, digestion, nutrition, gas exchange, transport, excretion, and reproduction; and embryology and development.

There are experiments and activities for you to perform in your home, making use of common, safe materials.

Note: SBI3A-M and SBI3A-P are both prerequisites for OAC Biology.

Required background: SBI3A-M or the equivalent

Text: none

Equipment: You will receive a biology kit on loan.

Chemistry

Course code: SCH3A-A

Grade 11

1 credit

The purpose of this 20-lesson course is to help you appreciate the importance of chemistry in a wide variety of daily activities and to understand the ways in which chemistry affects our environment. Topics covered include physical and chemical properties, atomic theory, chemical bonding, the behaviour of gases, chemical formulas and equations, chemical calculations, water and solutions, acids and bases, and chemical industries in Canada.

Note: SCH3A-A is a prerequisite for OAC Chemistry.

Recommended background: Grade 10 advanced level science or the equivalent

Text: none

Equipment: You will find some of the materials you need for the experiments in your home. You will be expected to buy other materials.

Physics

Course code: SPH3A-A

Grade 11

1 credit

This 20-lesson course provides an interesting and relevant study of the fundamental concepts and ideas of physics, from Galileo to atomic radiation. In this course you will learn more about waves, light, sound, mechanics, electricity, magnetism, electro-magnetism, electronics, and atomic physics.

Experiments are described and illustrated in the lesson material, but you are not required to do them yourself.

Note: SPH3A-A is a prerequisite for OAC Physics.

Recommended background: Grade 10 advanced level mathematics or the equivalent, and one advanced level science credit

Text: none

Ontario Academic Courses

Chemistry

Course code: SCH0A-A

OAC

1 credit

OAC Chemistry is a natural follow-up to the Grade 11 advanced level course SCH3A. You will examine the scientific issues faced by Canadian industrialists and citizens as they try to achieve the proper balance between industrial growth and a safe environment. You will learn that chemistry is a discipline that can help to determine this balance.

In the first few lessons you will review what was covered in SCH3A. For the rest of the course you will deal with the following topics: nuclear reactions, the energy of reactions, equilibrium, electrochemistry, and organic chemistry.

There is a compulsory laboratory component to this course. You will be required to perform some experiments in your home.

Prerequisite: SCH3A or the equivalent

Text: E.R. Toon et al., *Foundations of Chemistry*

Equipment: You will find some of the materials you need for the experiments in your home. You will be expected to buy other materials.

Physics

Course code: SPH0A-A

OAC

1 credit

OAC Physics provides the chance for you to master the concepts of physics, recognize scientific processes, and develop your problem-solving skills. You will study problems that combine concepts from areas such as mechanics, electricity, wave phenomena, and modern physics. You will also study relevant applications and the implications of physics in our society. Topics include Newton's laws of motion, theories of light, electric fields, and special relativity.

Prerequisite: SPH3A or SPH4A or the equivalent

Text: none

Technological Studies

At least one credit in either technological studies or business studies is needed for an Ontario Secondary School Diploma (OSSD).

General Level Courses

General level courses in technological studies are designed for students who wish one or more of the following:

- to enter the workplace after graduating
- to further their studies at a college of applied arts and technology
- to develop personal skills
- to learn the language and issues of the various fields of technological studies
- to increase their awareness, appreciation, and enjoyment of the arts
- to develop an appreciation of the relationship between technological changes and the quality of life

Drafting – General

Course code: TDG2G-B

Grade 10

1 credit

In this course you will be introduced to fundamental drafting procedures and you will develop your skills in the use of basic drafting equipment and special drawing techniques. Assignments in blueprint reading complement each phase of the course, and metric drawing is introduced. Topics include simple drawings, multiview drawings, shape description, orthographic projection, shop processes, dimensioning, isometric drawings, and sectioning.

Recommended background: none

Text: none

Equipment: You will need to buy your own drafting materials. Instructions regarding the purchase (at an approximate cost of \$87.00) or rental (at an approximate cost of \$15.00 per month) of a complete kit will be sent to you with the first package of lesson materials. You may also use this kit for TDG3G-M, TDA3G-M, and TDM3G-M.

Drafting – General

Course code: TDG3G-M

Grade 11

½ credit

The general approach of TDG3G-M is a logical follow-up to TDG2G-B or its equivalent. Topics include a review of orthographic projection and dimensioning; a review of sectioning; circles in isometric; threads and fasteners; tolerances and allowances; parallel and radial lines; and pictorial drawing.

Prerequisite: TDG2G-B or the equivalent

Text: none

Equipment: You will need to buy your own drafting materials. Instructions regarding the purchase (at an approximate cost of \$87.00) or rental (at an approximate cost of \$15.00 per month) of a complete kit will be sent to you with the first package of lesson materials. You may also use this kit for TDG2G-B, TDA3G-M, and TDM3G-M.

Drafting – Architectural

Course code: TDA3G-M

Grade 11

½ credit

This course moves from the general approach of TDG3G-M into more specialized architectural work. You are taken through the process of designing a house, from the foundation to the roof, in an interesting and easy-to-follow manner. Although the course is really an introduction to architectural drafting, you might also find it useful if you wish to know more about what to look for when buying a house.

Prerequisite: TDG3G-M or the equivalent

Text: none

Equipment: You will need to buy your own drafting materials. Instructions regarding the purchase (at an approximate cost of \$87.00) or rental (at an approximate cost of \$15.00 per month) of a complete kit will be sent to you with the first package of lesson materials. You may use this kit for TDG2G-B, TDG3G-M, and TDM3G-M.

Drafting – Mechanical

Course code: TDM3G-M

Grade 11

1/2 credit

This course moves logically from the general approach of TDG3G-M into more specialized mechanical work. Topics include secondary auxiliary views, cam design, gearing, assembly drawings, graphic illustrations, and die design.

Prerequisite: TDG3G-M or the equivalent

Text: none

Equipment: You will need to buy your own drafting materials. Instructions regarding the purchase (at an approximate cost of \$87.00) or rental (at an approximate cost of \$15.00 per month) of a complete kit will be sent to you with the first package of lesson materials. You may also use this kit for TDG2G-B, TDG3G-M, and TDA3G-M.

Part 4

Descriptions of Non-Credit Adult Basic Education Courses

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Part 4

Descriptions of Non-Credit Adult Basic Education Courses

Adult Basic Education

Adult Basic Education includes four types of courses: Adult Basic Literacy, English as a Second Language, Adult Basic English, and Adult Basic Mathematics. In order to take courses in Adult Basic Literacy or English as a Second Language, students need to have someone to act as a volunteer tutor. Students do not need a volunteer tutor in order to take the other Adult Basic Education courses. These courses are designed for adults who are able to work on their own to improve their reading, writing, and mathematics skills.

Volunteer Tutors

A volunteer tutor can be anyone interested in helping a student learn to speak or read and write English. No special skills are required. The volunteer tutor is expected to

- read the course descriptions that follow to the student
- help the student enrol in the course of his or her choice
- receive the course materials on behalf of the student
- work through the lessons with the student
- provide the student with encouragement and practice

Anyone interested in becoming a volunteer tutor for someone who wants to learn to read and write should read the following section, "Adult Basic Literacy". For information about helping someone who wants to learn to speak English, a potential tutor should read the section "English as a Second Language" on page 59.

All the courses listed under Adult Basic Education are non-credit courses. Non-credit courses have the designation "9N" as part of their code. This designation simply means that the courses are non-credit.

Adult Basic Literacy

Adult Basic Literacy is designed specifically for adults who want to learn to read and write and who have someone to act as a volunteer tutor.

The volunteer tutor should read the following course descriptions to the student. To request enrolment in the course that the student chooses, the tutor should complete the ABL/ESL Application Form and return it to the Independent Learning Centre.

There are two Adult Basic Literacy courses: Adult Basic Literacy, Part One, and Adult Basic Literacy, Part Two.

Each lesson has two parts: the tutor/student guide and the student book. There is an audiotape for each part. The tutor/student guide and tape provide an introduction to each lesson, and suggest ways for the student and tutor to work together on the lesson. The student book and tape provide the reading material and exercises for the student.

A qualified teacher, appointed by ILC, provides professional instruction. The teacher evaluates the assignments and has regular telephone conversations with the student.

You will need a volunteer tutor in order to take these courses.

Adult Basic Literacy, Part One

Course code: ABL9N-1

non-credit

There are eight lessons in this course. In each lesson you will be able to develop and practise your reading and writing skills.

In the first four lessons you will find an introduction to reading: What is it? What makes it easy? What makes it hard? As you practise reading in the other four lessons, you will learn more about yourself, about your body, and about staying healthy.

Recommended background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

Adult Basic Literacy, Part Two

Course code: ABL9N-2

non-credit

In this course you will continue to improve your reading and writing skills. You will read about famous people and unusual events. You will also practise skills that you can use in your day-to-day life.

Required background: Adult Basic Literacy, Part One (ABL9N-1)

Text: none

Equipment: You will need to use an audiotape player for this course.

English as a Second Language

The four English as a Second Language (ESL) courses are designed for adults who speak little or no English and who have someone to act as a volunteer tutor.

The tutor should read and explain the following course descriptions to the student. To request enrolment in the course that the student chooses, the tutor should complete an application form and return it to the Independent Learning Centre.

All of the ESL courses have audiotapes and student workbooks. The tutor helps the student work through the lessons and provides the student with conversation practice.

A qualified ESL teacher, appointed by ILC, provides professional instruction. The teacher evaluates the assignments and has regular telephone conversations with the student.

You will need a volunteer tutor in order to take these courses.

English as a Second Language, Part One

Course code: ESL9N-1

non-credit

By the end of this course, you will know enough English to

- say hello to people
- talk about yourself
- ask others about themselves
- take telephone messages
- ask for directions
- talk to neighbours about everyday things
- have repairs done

Recommended background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

English as a Second Language, Part Two

Course code: ESL9N-2

non-credit

This course is a continuation of English as a Second Language, Part One.

By the end of this course, you will speak English well enough to

- get to know people
- make appointments
- give and understand directions
- use the telephone
- start a new job

Recommended background: English as a Second Language, Part One (ESL9N-1)

Text: none

Equipment: You will need to use an audiotape player for this course.

English as a Second Language, Part Three

Course code: ESL9N-3

non-credit

When you have completed English as a Second Language, Part Two, you can start this course. In it you will continue to study English that you can use in everyday life with your family and friends, at work, and in your community.

By the end of this course, you will speak English well enough to

- talk with friends
- shop
- make travel plans
- understand weather reports
- look for a job

Recommended background: English as a Second Language, Part Two (ESL9N-2)

Text: none

Equipment: You will need to use an audiotape player for this course.

English as a Second Language, Part Four

Course code: ESL9N-4

non-credit

This is the last course in the English as a Second Language series.

By the end of this course, you will speak English well enough to

- participate in groups
- keep up with the news
- apply for a job
- deal with banks
- talk and write about your own interests

Recommended background: English as a Second Language, Part Three (ESL9N-3)

Text: none

Equipment: You will need to use an audiotape player for this course.

Adult Basic English

These courses are for adults who want to improve their reading and writing skills. Each lesson has interesting short stories, as well as spelling and writing exercises. You will also learn to use a dictionary.

There are two Adult Basic English courses: Adult Basic English, Part One, and Adult Basic English, Part Two. Each course has 10 lessons. There is an audiotape with each lesson.

There is also an English for Everyday Life course that will help you improve your understanding of English.

Adult Basic English, Part One

Course code: ABE9N-1

non-credit

In this first course you will

- read about famous people and interesting events
- learn how to write good sentences
- practise spelling
- improve your use of English

The audiotapes will help you work through the lessons.

Recommended background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

Adult Basic English, Part Two

Course code: ABE9N-2

non-credit

You may take this course after you have finished Adult Basic English, Part One. In this course you will

- read short stories and newspaper reports about real people and real events
- learn skills that are helpful in your day-to-day life, such as filling out application forms
- learn how to write a paragraph
- improve your spelling and your use of English
- learn how to use a dictionary

The audio cassette tapes will help you work through the lessons.

Required background: Adult Basic English, Part One (ABE9N-1)

Text: none

Equipment: You will need to use an audiotape player for this course.

English for Everyday Life

Course code: ABE9N-3

non-credit

If you have learned English as a second language and want to continue to improve your skills in speaking, reading, and writing English, you may want to take this course.

There are 10 lessons in English for Everyday Life. In each lesson you will work on improving your vocabulary, your understanding of English grammar, and your reading and writing skills.

The exercises in this course will help you to use English in your everyday life.

Required background: none

Text: none

Equipment: You will need to use an audiotape player for this course.

Adult Basic Mathematics

Mathematics for Everyday Life, Part One

Course code: ABM9N-3

non-credit

Do you want to improve your skills in mathematics? If so, this course is for you!

In this course you will

- learn computational skills
- learn how to use a calculator
- learn how mathematics can help you in your day-to-day life
- develop confidence in your mathematical ability
- develop a positive attitude toward mathematics

You will learn how to perform calculations using decimals, fractions, and percents. You will also learn more about the metric system. All these topics will be taught using everyday experiences.

Required background: none

Text: none

Equipment: As for all other mathematics courses, you should have your own calculator.

Mathematics for Everyday Life, Part Two

Course code: ABM9N-4

non-credit

This course will be available in January 1995.

You may take this course after you have finished Mathematics for Everyday Life, Part One. In this course you will learn about

- ways to display large amounts of data
- how to read and analyse data that you see in a newspaper
- how to determine mass, area, and volume
- how to draw and read scale diagrams and maps

As in Mathematics for Everyday Life, Part One, these topics will be taught using everyday experiences.

Required background: Mathematics for Everyday Life, Part One (ABM9N-3)

Text: none

Equipment: You should use the same calculator you used in ABM9N-3.

Quatrième partie Description des cours sans valeur de crédit

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.

Manuel : aucun

Cours recommandé : aucun

Il y a dix légions dans ce cours. Dans chaque légion, tu pourras développer tes aptitudes à la lecture et à l'écriture.

sans créd

Maternei : Le cours comprend quatre parties, quatre guides de correction et le Guide de l'alphabetique(e).

Manuel : aucun

Cours recommandé : aucun

Ce cours est destiné aux adultes qui veulent apprendre à lire et à écrire et qui ont une personnalité appartenant à leur alphabétique ou se proposant d'être leur alphabétique. Chaque légion comprend quatre parties : savoir écouter, savoir parler, savoir lire et savoir écrire. Il y a une cassette pour chaque légion. Tous ces chapitres sont aussi partagés de la troussse : le Guide de l'alphabétiseur(e), le Guide de l'alphabetiseur(e) et de l'apprenant(e) ainsi qu'un cahier de lecture et d'exercices.

Alphabetisation pour adultes

Pour suivre ces cours, il faut en premier lieu que l'élève ait quelqu'un qui lui serve de tutrice ou de tutrice. Une deuxième condition est d'avoir l'intention de travailler seul/e pour améliorer ses aptitudes de lecture et d'écriture en français. Quiconque peut aider un étudiant ou une étudiante à lire, parler et écrire en français, peut être tuteur ou tutrice bénévole. Ce travail bénévolé ne demande aucune formation spécifique. Le tuteur ou la tutrice accepte de pratiquer celle-ci ou celle-ci. On doit noter que «Alphabétisation pour adultes» est un cours sans code n'a d'autre signification que de montrer que ces cours sont sans crédit.

Description des cours sans valeur de crédit

Quatrième partie

Alphabétisation pour adultes	52
Calcul de base pour adultes	52
Formatation de base pour adultes	53

Le rôle parental	Code du cours : NFB3G-6	11^e année	1/2 crédit
Ce cours est la suite du cours NFB3G-5. Tu continues à prendre conscience du rôle des responsabilités des parents. Le thème du développement de l'enfant au sein de la famille contemporaine se poursuit par une étude approfondie des facettes du développement de l'enfant, du composition de l'enfant, de la sécurité pour l'enfant et des droits de l'enfant. Les différents modèles du rôle parental sont un autre thème à l'étude. Pour suivre ce cours, tu dois pouvoir observer le comportement d'un enfant (0 - 12 ans) à quelques repères. Il n'est pas nécessaire que l'enfant soit présent lors des visites, un enfant de garde. L'enfant peut être celui des visites, un enfant au parc ou alors un enfant de garde. L'enfant doit être celui des visites, un enfant au parc ou alors un enfant de garde.			
Cours obligatoire : NFB3G-5	Manuel : aucun	Materiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.	Materiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.
Cours recommandé : aucun	Manuel : aucun	Materiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.	Materiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.

Physique	Code du cours : SPH4A-0	Chimie	Code du cours : SCH4A-0
11 ^e année	1 credit	1 credit	1 credit
Cours te permet de résoudre des problèmes	d'ordre technique et mécanique qui illustrent des principes de physique.	Les leçons sur la lumière comprennent l'étude des miroirs (la réflexion) et des lentilles (la refraction) et l'analyse du fonctionnement des instruments d'optique. La légion sur les ondes établit un lien entre l'étude de l'optique et celle de l'acoustique.	Le cours approfondit également les notions de force, de mouvement et de dynamique ainsi que les aspects théoriques et pratiques de l'électricité. L'électricité et les rudiments de la physique sont étudiés à l'étude.
Manuel : aucun	Les exercices de laboratoire constituent une partie importante de ce cours. Une section au début te permet de reviser la matière du cours SCH4A-0. Par la suite, on complète parmi les sujets bordés les réactions nucléaires, l'énergie de réaction, l'équilibre, l'électrochimie et la chimie organique.	Manuel : aucun	Cours recommandé : un cours de mathématiques de 10 ^e année et un cours de sciences de 10 ^e année, niveau de niveau avancé chacun ou l'équivalent.
Cours préalable : SCH4A-0 ou l'équivalent. De plus, il est recommandé d'avoir suivi un cours de mathématiques de 11 ^e ou de 12 ^e année, niveau avancé.	Cours préalable : SCH4A-0 ou l'équivalent. De plus, il est recommandé d'avoir suivi un cours de mathématiques pour effectuer les expériences que ce cours exige.	Manuel : Robert C. Smoot et al., La chimie, une approche moderne.	Manuel : aucun
CPO	Code du cours : SPH4A-0	Cours préuniversitaires de l'Ontario (CPO)	CPO offre la possibilité de comprendre et résoudre des problèmes techniques.
Physique	Cours préuniversitaires de l'Ontario (CPO)	CPO	Vers la fin du cours, tu devras résoudre des problèmes complexes dans les domaines interviennent physiques modernes.
Manuel : aucun	Vers la fin du cours, tu devras résoudre des problèmes complexes dans les domaines interviennent physiques modernes.	Manuel : aucun	Ce CPO offre la possibilité de comprendre et résoudre des problèmes techniques.
CPO	Code du cours : SPH4A-0	Cours préuniversitaires de l'Ontario (CPO)	Vers la fin du cours, tu devras résoudre des problèmes complexes dans les domaines interviennent physiques modernes.
Physique	Cours préuniversitaires de l'Ontario (CPO)	CPO	Ce cours traite aussi des applications et des théories de la physique, les champs électriques et la théorie de la lumière, les propriétés du système de Newton, la physique moderne.
Manuel : aucun	Ce cours traite aussi des applications et des théories de la physique, les champs électriques et la théorie de la lumière, les propriétés du système de Newton, la physique moderne.	Manuel : aucun	La légion 20 sera d'exemple d'épreuve et prépare à mieux passer l'examen final.
CPO	Code du cours : SPH4A-0 ou l'équivalent	Cours préalable : SPH4A-0 ou l'équivalent	Manuel : aucun

Niveau général		
Code du cours : SNCG-0	Sciences	10 ^e Année 1 crédit
Ce cours est une introduction à la science. Il te permet d'explorer un champ scientifique assez vaste.	Les principaux thèmes étudiés sont : L'écolologie et le recyclage, les systèmes, la diversité animale, la digestion, les écosystèmes, la circulation et les bases, l'électricité et la réspiration, les maladies des systèmes digéstifs matières premières et l'industrie minière ainsi que la pollution de l'environnement.	Tu auras l'occasion de faire plusieurs activités qui exigent un matériel simple.
Code du cours : SNCG-6	Sciences	10 ^e Année 1 crédit
Ce cours traite de choses qui t'intéressent, des plus petites cellules aux plus grandes planètes. Il aborde, en outre, des sujets tels la peau et le bronzage, les drogues, l'alcool et le tabac. Ce cours touche à des sujets variés, intéressants et pratiques.	Des produits chimiques ne sont pas expédiées hors du Canada, ni aux endroits desservis. Certains cours de sciences afin de permettre à l'élève de faire les expériences nécessaires. Les trousses contenant des produits chimiques ne sont pas expédiées hors du Canada, ni aux endroits desservis. Des trousses contenant des instruments de laboratoire et des produits chimiques sont fournies dans certains cours de sciences afin de permettre à l'élève de faire les expériences nécessaires. Les trousses unitement par courrier aérien.	
Code du cours : SNCF-5	Sciences	10 ^e Année 1 crédit
Ce cours fait suite au cours SNCF-5. Cette partie traite de l'étude humaine et de différents types de maladies. On étudie plusieurs systèmes, y compris les systèmes respiratoire, circulatoire, digestif, osseux et réproducteur. Les cours comprennent aussi l'étude de la chimie des boissons, les changements courants, renforcent l'aspects pratique du cours. Des expériences simples, à partir d'objets chimiques, le feu et la sécurité.	CE cours fait suite au cours SNCF-5. Cette partie traite de l'étude humaine et de différents types de maladies. On étudie plusieurs systèmes, y compris les systèmes respiratoire, circulatoire, digestif, osseux et réproducteur. Les cours comprennent aussi l'étude de la chimie des boissons, les changements	
Code du cours : SNCF-6	Sciences	10 ^e Année 1 crédit
Ce cours recommande : aucun	Manuel : aucun	
Tu auras l'occasion de faire plusieurs activités qui exigent un matériel simple.	Ils exigent un matériel simple.	
Code du cours : SBAG-5	Biologie	11 ^e Année 1/2 crédit
Ce cours t'aidera à te préparer pour les cours au niveau collégial, notamment dans le domaine des sciences de la santé; à comprendre la structure et les fonctions du corps humain; à développer des habitudes qui favorisent une meilleure condition physique; à développer une appréciation de la beauté et de la complexité de l'être humain et à augmenter ta réceptivité aux messages et aux besoins de ton propre corps.	Le niveau collégial, notamment dans le domaine des sciences de la santé; à comprendre la structure et les fonctions du corps humain; à développer des habitudes qui favorisent une meilleure condition physique; à développer une appréciation de la beauté et de la complexité de l'être humain et à augmenter ta réceptivité aux messages et aux besoins de ton propre corps.	
Code du cours : SNC2F-5	Manuel : aucun	11 ^e Année 1/2 crédit
Ce cours recommande : aucun	Manuel : aucun	
CE cours fait suite au cours SNCF-5. Cette partie traite de l'étude humaine et de différents types de maladies. On étudie plusieurs systèmes, y compris les systèmes respiratoire, circulatoire, digestif, osseux et réproducteur. Les cours comprennent aussi l'étude de la chimie des boissons, les changements	Des expériences simples, à partir d'objets chimiques, le feu et la sécurité.	
Code du cours : SNC2F-6	Sciences	10 ^e Année 1 crédit
Ce cours recommande : aucun	Manuel : aucun	
Tu auras l'occasion de faire plusieurs activités qui exigent un matériel simple.	Ils exigent un matériel simple.	
Code du cours : SNC2F-5	Manuel : aucun	11 ^e Année 1/2 crédit
Ce cours recommande : aucun	Manuel : aucun	
CE cours fait suite au cours SNCF-5. Cette partie traite de l'étude humaine et de différents types de maladies. On étudie plusieurs systèmes, y compris les systèmes respiratoire, circulatoire, digestif, osseux et réproducteur. Les cours comprennent aussi l'étude de la chimie des boissons, les changements	Des expériences simples, à partir d'objets chimiques, le feu et la sécurité.	
Code du cours : SNC2F-5 ou l'équivalent	Manuel : aucun	
Cours obligatoire : SNC2F-5 ou l'équivalent		

Le droit	Code du cours : NVD3G-4	11 ^e année	1/4 de crédit	As-tu déja songé à devenir ton propre patron ? Pour réussir, il faut avoir l'esprit d'entreprise; être capable de prendre tes propres décisions, être prêt /e à prendre des risques et développer ton ingéniosité.	La loi imprègne la vie quotidienne des citoyens. Il est important que ceux-ci connaissent les rouages des lois et le système juridique. Ce module t'aide et du soutien de la vie de tous les jours.	Cours recommandé : aucun	Manuel : aucun
L'esprit d'entreprise	Code du cours : NVT3G-4	11 ^e année	1/4 de crédit	Ce module te traite des famillatrices avec la mise sur pied et à l'exploitation d'une entreprise. Planification et les démarches nécessaires à la création ou de l'entrepreneur ou de l'entreprise. Ce module traite donc des caractéristiques de l'entreprise.	Ce module traite des famillatrices avec la mise sur pied et à l'exploitation d'une entreprise. Planification et les démarches nécessaires à la création ou de l'entrepreneur ou de l'entreprise. Ce module traite donc des caractéristiques de l'entreprise.	Cours recommandé : aucun	Manuel : aucun
La gestion des ressources	Code du cours : NV3G-4	11 ^e année	1/4 de crédit	Ce module traite des besoins de se nourrir, de se loger, de se vêtir et de se divertir. On a tous besoin de se nourrir, de se loger, de se vêtir et de se divertir. Ce module traite à mieux utiliser les ressources, soit d'apprendre à mieux intégrer les talents afin de créer un environnement sûr et sain pour tous.	On a tous besoin de se nourrir, de se loger, de se vêtir et de se divertir. Ce module traite à mieux utiliser les ressources, soit d'apprendre à mieux intégrer les talents afin de créer un environnement sûr et sain pour tous.	Cours recommandé : aucun	Manuel : aucun
Vieilliir	Code du cours : NV3G-4	11 ^e année	1/4 de crédit	Même si vieillir est un phénomène normal, la société semble souvent se faire une idée fausse de la vieillissence et du processus de vieillissement. Les gens s'attendent rarement pour réfléchir au sens réel qu'à la mort viellir. Ce module vaut le détour pour comprendre le vieillissement. Les personnes telles que le processus de vieillissement, les services sociaux offerts par la Société aux personnes âgées, la retraite, la vie familière et les personnes à vivre au mieux.	A l'interieur de ce module, tu apprends des notions telles que le processus de vieillissement, les services sociaux offerts par la Société aux personnes âgées, la retraite, la vie familière et les personnes à vivre au mieux.	Cours recommandé : aucun	Manuel : aucun
Les responsabilités parentales	Code du cours : NV3G-4	11 ^e année	1/4 de crédit	Ce module traite de la responsabilité parentale, et à découvrir tes talents cachés. Ce module traite de la responsabilité parentale, et à découvrir tes talents cachés.	Que tu aies un enfant, que tu songes à en avoir ou de plus tard, tu devras prendre des responsabilités parentales. Ce module traite entre autres de la préparation à une naissance, du développement de l'enfant, du rôle de parent ou de mère et des droits de l'enfant.	Cours recommandé : aucun	Manuel : aucun

Préparation à la vie

Manuel : aucun

Cours préalable : MAT3A ou L'équivalent

Ce cours traite surtout de modèles mathématiques utilisés dans le cadre d'applications. En particulier, l'étude la résolution de systèmes d'équations et d'inéquations, les permutations et les combinaisons, le théorème du binôme, les séries finies, les probabilités et les statistiques.

CPO

1 crédit

Code du cours : MFDOA-0

Mathématiques discrètes

Manuel : aucun

Cours préalable : MAT4A ou L'équivalent

Ce cours se pente à l'élève qui désire poursuivre ses études universitaires, surtout dans les domaines de l'ingénierie et des sciences pures ou appliquées.

Le calcul est l'étude du changement d'une variable par rapport à une autre. Ce cours utilise une approche intuitive. L'accent étant mis sur des situations de type problèmes pratiques, afin de développer les concepts de base. Les sujets traités sont : les limites, les dérivées simples ainsi que les dérivées de fonctions trigonométriques, taux de changement, les valeurs extrêmes, intégration et logarithmiques; les tangentes; le développement de courbes; les équations différentielles l'acquisition de courbes; les équations différentielles et l'aire.

CPO

1 crédit

Code du cours : MCDA-0

Calcul différentiel et intégral

Manuel : aucun

Cours préalable : MAT4A ou L'équivalent

L'analytique. Il prépare le passage du secondaire à l'université.

Niveau avancé	
Code du cours : MTT4G-6	Mathématiques
12 ^e année	1/2 crédit
Cours fait suite au cours MTT4G-5. Il a été conçu pour développer les aptitudes en calcul numérique à l'aide de la calculatrice électronique. Tu résoudras des problèmes appliqués à ta vie quotidienne et tu étudieras des sujets tels la trigonométrie, les forces et les vecteurs, la géométrie et les mathématiques pour les citoyens et citoyennes.	Étude de la calculatrice scientifique est nécessaire dans plusieurs problèmes. Fortement recommandé afin de faciliter le calcul et servir de référence aux mathématiques pour les citoyens.
Code du cours : MAT2A-6	Mathématiques
10 ^e année	1/2 crédit
Ce cours a pour but de développer ta compréhension de la géométrie. Tu étudies les équations et les pentes des droites linéaires, tu apprends à représenter graphiquement des droites et tu fais des dérivées des équations. Tu approfondis tes notions géométriques en étudiant les notions de congruence en géométrie, de démonstrations et de transformations de transformations. Géométrie et les notions de géométrie en trois dimensions. Les exercices te donnent l'occasion de faire une application pratique des notions apprises.	Cours obligatoire : MTT4G-5 ou l'équivalent
Code du cours : MAT2A-5	Mathématiques
11 ^e année	1/2 crédit
Matière : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour servir ce cours.	Ce cours vise à te préparer pour les cours préuniversitaires de L'Ontario (CP) en sciences et techniques dans d'autres matières.
Code du cours : MAT3A-5	Mathématiques
10 ^e année	1/2 crédit
Matière : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour servir ce cours.	Ce cours vise à te préparer pour les cours préuniversitaires de L'Ontario (CP) en sciences et techniques dans d'autres matières.
Code du cours : MAT2A-5	Mathématiques
11 ^e année	1/2 crédit
Matière : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour servir ce cours.	Ce cours vise à te préparer pour les cours préuniversitaires de L'Ontario (CP) en sciences et techniques dans d'autres matières.
Code du cours : MATHÉMATIQUES	Mathématiques
10 ^e année	1/2 crédit
Matière : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour servir ce cours.	Ce cours se vaut presque entièrement une révision générale de notions mathématiques déjà apprises, soit les nombres, les puissances, les radicaux, les fractions et les facteurs. Tu apprendras à utiliser correctement une calculatrice scientifique pour le biais d'exemples pratiques avec solutions complètes. Tu auras l'occasion d'apprendre à utiliser correctement une calculatrice scientifique et d'algebraire développées dans les cours de six légons.
Cours préalable : MAT2A ou MTT3C ou	Manuel : aucun
I'équivalent	I'équivalent
Matière : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour servir ce cours.	Manuel : aucun
Cours recommandé : un cours de mathématiques de 9^e année ou l'équivalent	Manuel : aucun
Matériel : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour suivre ce cours.	Matériel : Tu devras avoir à ta disposition un ensemble de géométrie et une calculatrice pour suivre ce cours.

Mathématiques

Remarque : Si tu veux suivre des cours en mathématiques, tu devras te procurer une calculatrice. Celle-ci est essentielle pour faire les travaux de plusieurs cours. En outre, si tu veux suivre des cours de niveau avancé, tu devras t'assurer que ce soit une calculatrice scientifique.

Les cours de mathématiques sont offerts aux trois niveaux de difficulté. Il peut te intéresser davantage les cours de difficulté intermédiaire qui présente chaque niveau à peu près tous les mêmes besoins.

Niveau fondamental : une situation de sports dans un espace ; calculer le niveau de forme physique.

Mathématiques appliquées au travail et au
10^e année 1/3 crédit

habitués en gagnent des points de la partie de tous les autres joueurs qui sont dans le même état que eux.

Tu apprendras comment te servir des mathématiques dans les situations suivantes : comprendre ton chèque de paye lorsque tu travailles ou à temps partiel ; déterminer les coûts d'un déménagement ; calculer le coût des passés-temps ; des vacances à l'étranger ; et trouver un emploi, enfin ton compte en banque ; toutes ces situations sont liées au quotidien. Les mathématiques sont utiles dans toutes les situations de la vie quotidienne. C'est pourquoi il est important de développer l'habileté d'acquérir des notions de permètre, de surface et de volume. Ces notions sont nécessaires à toute citoyenneté active, de reconnaître l'importance des mathématiques et leurs nombreuses applications dans notre société ; prendre conscience dans tes compétences en mathématiques ; adopter

Mathematiques appliquées au travail et aux corrections mentales

Code du cours : MTF2-F-8	Code du cours : MTF2-F-7
10 ^e année	1/2 crédit
former	permettre
Ce cours est complet en soi et n'exige aucun autre manuel. Il traite des sujets suivants : La remunération, les coûts d'un véhicule, les voyages et déplacements, le fret, la couverture de tots, le bétongrage, l'inventarisation, la vente et la bonne alimentation.	Ce cours fait suite au cours MTF2-F-7. Il permet d'obtenir un demi-crédit additionnel en 10 ^e année.
Cours recommandé : un cours de mathématiques de 10 ^e année ou L'équivalent	Cours recommandé : un cours de mathématiques de 10 ^e année.
Les mathématiques de cette partie du cours sont	Les mathématiques de 10 ^e année.

Les mathématiques de cette partie du cours sont utilisées dans des situations pratiques de tous les jours. Ces situations comprennent entre autres : Manuel : aucun

Niveau général	
Code du cours : TN3G-5	Le cours de Notions de traitement de l'information vaut le préparer pour les changements qui entame la révolution dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société.
Notions de traitement de l'information	Le cours de Notions de traitement de l'information vaut le préparer pour les changements qui entame la révolution dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société.
Code du cours : TN3G-6	Changer de niveau de travail, dans la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société. L'ordinateur a eu continué d'avoir une profonde influence sur de nombreux aspects de notre vie. Aujourd'hui, il ne suffit plus de savoir lire, écrire et compter; il faut aussi savoir utiliser l'ordinateur afin de participer pleinement à la vie de la société, de tirer parti de la technologie et dans la société.
11 ^e année	1/2 crédit

CPO

Code du cours : HXE0A-0

Économie

Cours préuniversitaires de l'Ontario (CPO)

1 crédit

Une bonne connaissance de l'économie est

essentielle à la prise de décision. Ce cours sur le raisonnement économique permet de développer les connaissances et les habiletés nécessaires pour poser des jugements éclairés sur les problèmes économiques touchant notre pays, notre société et notre vie personnelle.

Le cours HXE0A-0 permet aussi de comprendre les événements, d'interpréter les débats et de discuter des théories qui influencent la vie en Ontario et au Canada dans une relation avec le monde entier.

Rémarque : Le contenu de HXE0A-0 est identique à celui de CE00A-0. Si tu désires obtenir un crédit en affaires et commerce, tu devras inscrire à CE00A-0. Par contre, si tu désires obtenir un crédit en sciences et contemporaines, tu devras inscrire au cours HXE0A-0. Pour ce faire, tu dois prendre deux cours soit identiques, tu peux obtenir un crédit pour seulement un de ces cours.

Cours préalable : au moins un cours de sciences sociales de niveau avancé au cycle supérieur

Manuel : aucun

ANSWER

<p>Français</p> <p>Ce cours s'adresse à l'élève qui a d'excellentes aptitudes en français et donne accès aux études universitaires. Tu développeras ton savoir-faire par des pratiques d'interprétation et de communication orale. Les acquisitions grammaticales sont intégrées à la pratique analytique, l'article, le dessin, la danse, la théâtre et la table ronde.</p> <p>Code du cours : FRA4A-5</p> <p>Ce cours de niveau avancé est offert en vue de l'obtention du 5^e crédit obligatoire en français. Il te propose un choix d'activités d'écoute, de lecture, de visioconférence, de présentations orales et écrits qui relèvent de situations de communication diverses. A travers les dix leçons et écrits que tu pourras lire, tu pourras démontrer tes compétences en français.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FME4A-5</p> <p>Cours obligatoire : FM4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-5</p> <p>Cours obligatoire : FRA4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-5</p> <p>Cours obligatoire : FRA4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>Pierre Billon, <i>L'enfant du Cinquième Nord</i>.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-5</p> <p>Cours obligatoire : FRA4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-5</p> <p>Cours obligatoire : FRA4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>On accorde une importance toute particulière à l'initiation à la dissertation en préparation aux cours préuniversitaires de l'Ontario (CPO).</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-5</p> <p>Cours obligatoire : FRA4A-5</p> <p>Manuel : <i>Le Petit Code</i>.</p> <p>Intégrées aux formes de discours étudiées, les acquisitions grammaticales sont intégrées orales ou écrites se font à partir des formes de discours suivantes : l'édition, le procès-verbal, le roman, la dissertation, le recit mythologique et l'exposé oral. Les acquisitions grammaticales sont intégrées aux formes de discours étudiées.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-6</p> <p>Cours fait suite au cours FRA4A-5.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FME4A-6</p> <p>Cours recommandé : un cours de français de 11^e année, niveau avancé</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FME4A-6</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-6</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-6</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>
<p>Français</p> <p>Ce cours sera disponible à partir de janvier 1995.</p> <p>Code du cours : FRA4A-6</p> <p>Matiel : Tu devras avoir à ta disposition un magnétophone pour écouter des cassettes.</p>	<p>12^e année</p> <p>1/2 crédit</p>

Français Code du cours : FRAG-6 Ce cours de dix leçons complète le cours FRAG-5 . Les leçons portent sur l'exploration de textes autobiographiques, de nouvelles, de documents narratifs, d'articles analytiques, de jeux de mots et d'esprit, sur l'étude d'un roman et sur la présentation d'une cause réelle. Tu feras des réactions tellés qu'un commentaire, une analyse d'émission, une appréciation personnelle. Le cours te permet d'approfondir tes connaissances linguistiques en ce qui a trait aux verbes, aux pronoms relatifs, au degré des adjectifs, aux conjonctions de coordination, à la ponctuation et à la grammaire.	FRAG-5 Cours obligatoire : FRAG-5 Manuels : <i>Le Petit Code</i> . Matériel : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	10 ^e année 1/2 crédit 1/2 année
Français Code du cours : FRAG-5 Ce cours première partie du cours de Français de forme réaliste, la chronique, le compte rendu d'interview, le portrait, la pose, l'article d'encyclopédie, la pièce de théâtre et le écrit biblioéraphique. Tu auras l'occasion d'interpréter, d'analyser et d'apprécier des textes variés. Tu mettras également en pratique les connaissances acquises en faisant des présentations orales et écrivaines.	FRAG-5 Cours première partie du cours de Français de forme réaliste : Tu étudieras les formes de discours suivantes : le compte rendu, la chronique, le compte rendu d'interview, le portrait, la pose, l'article d'encyclopédie, la pièce de théâtre et le écrit biblioéraphique. Tu auras l'occasion d'interpréter, d'analyser et d'apprécier des textes variés. Tu mettras également en pratique les connaissances acquises en faisant des présentations orales et écrivaines.	11 ^e année 1/2 crédit 1/2 année
Français Code du cours : FME3G-5 Ce cours est offert en vue de l'obtention du 5 ^e credit obtigatoire en français. Base sur l'étude de la communication en français. Base sur l'étude un choix d'activités d'écoute, de lecture, de production orale et écrite d'informations de situations diverses. Tu exploreras le journal, situations diverses. Tu exploreras les lettres en général. De plus, tu exploreras des lettres de transmission de messages téléphoniques. Manuel : <i>Le Petit Code</i> .	FME3G-5 Cours recommandé : FRACG ou L'équivalent Manuel : <i>Le Petit Code</i> . Matériel : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	11 ^e année 1/2 crédit
Français Code du cours : FRAG-6 Ce cours de dix leçons complète le cours FRAG-5 . Les leçons portent sur l'exploration de textes autobiographiques, de nouvelles, de documents narratifs, d'articles analytiques, de mots et d'esprit, sur l'étude d'un roman et sur la présentation d'une cause réelle. Tu feras des réactions tellés qu'un commentaire, de jeux de mots et d'esprit, sur l'étude d'un roman et sur la présentation d'une cause réelle. Tu feras des documents narratifs, d'articles analytiques, de nouvelles, de textes autobiographiques, de nouvelles, de	FRAG-6 Cours fait suite au cours FRAG-5. Manuel : <i>Le Petit Code</i> . Matériel : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	10 ^e année 1/2 crédit 1/2 année

Niveau fondamental	
Français	Code du cours : FRA2F-5
10 ^e année	1/2 crédit
Cours obligatoire : FRA2F-5	Dans ce cours, tu étudieras les formes de discours suivantes : le journal et l'artifice à sensation, le bulletin de nouvelles, le message publicitaire, la bullethine de nouvelles, le catalogue et la mode des chez nous, la directrice, le conte, la forme de fondamentale, tu étudieras les formes de discours suivantes : la correspondance personnelle, le conte, la bande dessinée, les énigmes, le texte expressif, le monologue et la poésie.
11 ^e année	Dans cette première partie du cours de français des 11 ^e année, niveau fondamentale, tu étudieras les formes de discours suivantes : le journal et l'artifice à sensation, le bulletin de nouvelles, le message publicitaire, la bullethine de nouvelles, le catalogue et la mode des chez nous, la directrice, le conte, la forme de fondamentale, tu étudieras les formes de discours suivantes : la correspondance personnelle, le conte, la bande dessinée, les énigmes, le texte expressif, le monologue et la poésie.
Français	Code du cours : FRA3F-5
11 ^e année	1/2 crédit
Cours obligatoire : FRA3F-5	Dans ce cours, tu étudieras les formes de discours suivantes, tu verras suivre un cours de français, tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.
Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	Matière : Tu apprendras à mieux comprendre les textes que tu lisas aidant à comprendre la construction la langue de la discours. Tu commenceras fonctionnement la langue de la discours. Tu développeras tes habiletés d'écoute, de lecture et de compréhension. Tu apprendras également à développer tes habiletés d'écoute, de lecture et de compréhension. Tu apprendras également à imaginer et tout en apprenant, tu pourras te demandera orallement et par téléphone pour écouter et entendre des cassettes.
Cours recommandé : un cours de français de 10 ^e année	Cours recommandé : aucun
Français	Code du cours : FRA2F-6
10 ^e année	1/2 crédit
Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.
Matière : Le Petit Code.	Matière : Le Petit Code.
Cours recommandé : aucun	Cours recommandé : aucun
Français	Code du cours : FRA2F-5
10 ^e année	1/2 crédit
Cours recommandé : un cours de français de 10 ^e année	Ce cours de 10 legons complète le cours FRA2F-5 et ouvre droit à un demi-crédit au niveau fondamental.
Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.	Dans cette deuxième partie du cours, tu étudieras les formes de discours suivantes : l'anecdote et le récit comique, le dépliant et la brochure.
Matière : Le Petit Code.	Dans cette deuxième partie du cours, tu étudieras les formes de discours suivantes : l'anecdote et le récit comique, le journal intime, l'article informatif, la tourisme, la bande dessinée, l'expression poétique pourrie et le récit réaliste.

Remarque : Si tu veux suivre un cours de français, tu devras avoir à ta disposition un dictionnaire français. Un larousse de poche est recommandé pour faire efficacement les travaux des cours suivants.

Niveau général	
Code du cours : AV12G-5	Arts visuels
11 ^e année	Ce cours a été conçu pour les élèves qui s'intéressent aux arts visuels sans être artistes. Il use à présent les principes fondamentaux des arts visuels. Tu feras des travaux pratiques qui te permettent de t'initier aux arts visuels, de te familiariser avec le travail de l'artiste et d'apprécier les réalisations artistiques. Les sujets à l'étude sont les suivants : les points et les lignes, la surface et l'espace, la perspective linéaire, les couleurs et les textures.
1/2 crédit	Cours recommandé : aucun
Code du cours : AV13G-5	Arts visuels
11 ^e année	Ce cours est avant tout une étude plus approfondie des éléments et principes du design — connaissances vues antérieurement. Tu t'inities à la critique d'œuvres d'art et tu étudies l'aspect historique d'œuvres canadiennes, américaines et européennes. L'accent est particulièrement mis sur l'étude de l'art du XX ^e siècle.
1/2 crédit	On te demandera de faire des exercices, d'effectuer des peintures recherches et de réaliser des travaux pratiques pour compléter ton étude et intégrer la matière étudiée.
Code du cours : AV12G-5 et AV12G-6	Cours recommandé : aucun
11 ^e année	Matière : Tu devras te procurer une trousse artistique (au coût d'environ 25 \$). Les détails seront fournis avec le premier envoi de ce cours.
1/2 crédit	Ce cours est la suite de AV12G-5. Tout en faisant des travaux pratiques, tu apprendras ton étude des principes fondamentaux des arts visuels. Tu des apprécies davantage les travaux de l'artiste et encore plus avec les travaux de l'artiste et unité et la variété, le rythme et le mouvement, l'équilibre, la dominance, le style et le contenu artistique.
Code du cours : AV13G-5	Arts visuels
11 ^e année	Ce cours est la suite de AV13G-5. Tu continueras à faire la critique d'œuvres d'art et à apprendre l'aspects historique de ces œuvres. Le cours se termine aussi dans la société, dans l'environnement actuel. Tu dois faire des exercices pratiques, effectuer des recherches et évaluer l'œuvre à la lumière de ces critères. Le cours se termine aussi dans la société, dans l'environnement actuel. Tu dois faire des exercices pratiques, effectuer des recherches et évaluer l'œuvre à la lumière de ces critères.
1/2 crédit	Tu continueras à faire la critique d'œuvres d'art et à apprendre les connaissances, les techniques et les attitudes apprises antérieurement.
Code du cours : AV13G-5 ou l'équivalent	Cours obligatoire : AV13G-5
11 ^e année	Matière : Tu devras te procurer une trousse artistique (au coût d'environ 25 \$). Les détails seront fournis avec le premier envoi de ce cours.
1/2 crédit	Ce cours obligatoire : AV13G-5 ou l'équivalent sera évalué, la dominance, le rythme et le mouvement, l'équilibre, la dominance, le style et le contenu artistique.
Code du cours : AV12G-5 ou l'équivalent	Cours obligatoire : AV12G-5
11 ^e année	Matière : Tu devras te procurer une trousse artistique (au coût d'environ 25 \$). Les détails seront fournis avec le premier envoi de ce cours.
1/2 crédit	Ce cours obligatoire : AV12G-5 ou l'équivalent sera évalué, la dominance, le rythme et le mouvement, l'équilibre, la dominance, le style et le contenu artistique.

Bénéfices pour obtenir ce crédit : Tu dois terminer	avec succès les travaux des leçons et réussir	l'examen final. La note finale est calculée selon le	barème suivant :
examen final	30 %	travaux dans les leçons	20 %
«Writing Faster»	30 %	études personnelles	20 %
examens finaux	30 %	Cours préalable : un cours d'anglais de niveau	avancé au cycle supérieur
Mémoires : M. H. Abrams, <i>A Glossary of Literary Terms</i> , 5th ed.	4th Canadian ed.	H. Shaw, <i>The McGraw-Hill Handbook of English</i> ,	Margaret Laurence, <i>A Bird in the House</i> .
Materiel : Tu devras avoir à ta disposition un magnétophone pour écouter et enregistrer des cassettes.			

Anglais

Niveau fondamental

Code du cours : EAE2-F-5

10^e année

1/2 crédit

Mémoires : *The Longman New Junior English Dictionary*. **Dictionnaire de l'anglais d'aujourd'hui.** **Matière :** Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Ce cours s'adresse à toi qui as déjà les bases de la langue anglaise et qui veux approfondir tes connaissances dans le domaine littéraire ou le marché du travail.

L'aspect littéraire du cours touche aux éléments de la narration et de la description dans les nouvelles, les pièces, les chansons et la poésie.

Une partie de ces œuvres sont sur cassette audio. Les éléments de lexposition sont illustrés par graphique, éditorial, caricature ou journal. Les éléments de lexposition sont illustrés par une photographie, une illustration et une caricature. Les nouvelles sont dans les chansons et la poésie.

Parmi les connaissances nécessaires dans la vie quotidienne, tu retrouves les différentes sortes de lettres, la résolution de problèmes au travail et les messages téléphoniques efficaces. Seules les notifications de grammaire qui empêchent une cassette audio sont exigées. Aux devoirs écrits, des travaux oraux d'ordre pratique présentés sur

communiquent clairement les corrections sont abordées. diriges qui puissent dans ton expérience de vie. Des travaux oraux d'ordre pratique présentés sur cassette audio sont demandés. Aux devoirs écrits, tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Code du cours : EAE2-F-6

10^e année

1/2 crédit

Mémoires : *The Globe Modern Dictionary.* **Cours recommandé :** aucun

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours obligatoire : EAE2-F-5

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

Le roman ainsi que tout le cours sont enregistrés sur cassette audio. Tu devras t'exprimer

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

te permettant de faire l'étude d'un roman.

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

Le programme de vocabulaire sont dans les légions. La

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

intègrante de chaque légion. Les habiletés acquises

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

te permettant de faire l'étude d'une partie

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

des habiletés acquises

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

à l'étude dans les légions. La

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

que toutes sortes d'habiletés

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

de l'ensemble de la suite de EAE2-F-5. Une série de

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

que toutes sortes d'habiletés

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

de l'ensemble de la suite de EAE2-F-6.

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

que toutes sortes d'habiletés

Matière : Tu devras avoir à ta disposition un magnétophone pour écouter et entendre des cassettes.

Cours recommandé : aucun

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que toutes sortes d'habiletés

Troisième partie

Description des cours donnant droit à des crédits au paliere

Affaires et commerce	
Comptabilité	<p>Le programme de comptabilité intitule les élèves aux principes fondamentaux de la comptabilité, à la terminologie comptable acceptée et aux méthodes généralement utilisées pour la tenue d'livres comptables exacts, essentielles à toute activité économique et commerciale. L'étude de la comptabilité peut aider les particuliers à tenir des registres professionnels justes, ouvrir des portes dans des domaines professionnels liés à la comptabilité ou mener à une carrière dans une profession des entreprises qui travaillent à court terme. C'est également une formation complète pour toute personne qui travaille à son compte.</p>
Niveau général	<p>Cours obligatoire : CO13G-5</p> <p>Code du cours : COMA-A-0</p> <p>Code du cours : CO13G-6</p> <p>Code du cours : CO13G-5</p> <p>Code du cours : COMA-A-0</p> <p>Code du cours : CO13G-5</p>

Cours inspirés des programmes-cadres du ministère de l'Éducation et de l'Ontario.
Tous les cours offerts par le Centre d'études indépendantes ont été élaborés conformément aux programmes-cadres du ministère de l'Éducation de l'Ontario.

Manuel : aucun	
Cours recommandé : un cours de mathématiques de 10^e année ou l'équivalent	Manuel : aucun
Cours recommandé : un cours de mathématiques de 10^e année	Manuel : aucun
Cours recommandé : un cours de mathématiques financières.	Cours recommandé : un cours de mathématiques financières.

Affaires et commerce	16
Anglais	21
Arts visuels	25
Français	26
Géographie	32
Histoire et études contemporaines	33
Information	38
Mathématiques	39
Préparation à la vie	45
Sciences	47
Sciences familiales	50

Description des cours donnant droit à des crédits au palier secondaire

Troisième partie

Description des cours du programme de 9^e année pour

Langues

9^e année

Code de cours : FRA1D-0

Ce cours de 20 leçons s'adresse à l'élève qui veut

9. annee

Mathématiques

Code de cours : MA11D-U

Le but de ce cours de 20 leçons est de te donner les

Le but de ce cours de 2U legons est de te donner les compétences nécessaires afin de pour suivre tes études en mathématiques au lycée secondaire. De plus, il t'aidera à reconnaître l'importance des mathématiques et leurs nombreuses applications dans notre société. Tu apprendras les domaines de mathématiques et leurs nombreux rôles dans certaines domaines telles que les fractions, les pourcentages, les graphiques et les statistiques.

Manuel : Domicile en Martinique, La vengeance de l'original.

Cours recommandé : aucun

compte rendus ou des lettres.

Le développement du thème de la vie courante. Tu apprends ensuite à rediger des textes de plusieurs paragraphes tels que des descriptions, des

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La structure de plusieurs types de phrases.

éléments au programme. Le cours porte aussi sur

pronom et l'accord du participe passé sont des moyens de sens préphonétiques (cf. § 105-106).

hommes qui la comprennent. Le guide suivi, le nom et ses propriétés. Le verbe. L'adjectif. Le

Il faut faire : la présentation et l'analyse de ces groupes

Revolution sees countervailing forces at play in Latin America

Características de los sistemas de la atmósfera

અને એવા કાર્ય, એવા વિષય, એવા વિસ્તારી જીવનની પ્રાણી રૂપોની

9^e année

131

Deuxième partie	Programmes de 9^e année	Au sujet de la 9^e année	Programme de 9^e année pour adultes
<p>Le CEL offre deux programmes de 9^e année. L'un dépend du programme, communiqué avec l'un des deux bureaux du CEL.</p> <p>Si tu veux obtenir des renseignements sur ce deuxième programme, contacte l'un des deux personnes de 16 ans et plus, c'est-à-dire aux adultes.</p> <p>Le programme de 9^e année est destiné aux 10^e année en inscrivant à des cours du 10^e année tout de suite. Consulte la troisième partie de cet annuaire.</p> <p>Tu peux commencer à suivre des cours de 10^e année tout de suite. Consulte la troisième partie de cet annuaire.</p> <p>Il n'y a pas de 9^e année ou si tu n'as jamais suivi de cours de 9^e année, tu as deux possibilités :</p> <ul style="list-style-type: none"> - Tu peux commencer à suivre des cours de 10^e année tout de suite. Consulte la troisième partie de cet annuaire. - Tu peux suivre des cours préparatoires à la 10^e année en t'inscrivant à des cours du 9^e année pour adultes du CEL. <p>Le programme de 9^e année pour adultes est destiné aux personnes de 16 ans et plus qui veulent améliorer leur connaissance de la langue ou des mathématiques destinée aux personnes qui veulent commencer un cours de 10^e année.</p> <p>Le programme de 9^e année pour adultes est destiné aux personnes de 16 ans et plus qui veulent améliorer leur droit à des équivalences en crédits.</p> <p>Aucun crédit n'est accordé pour les cours du programme de 9^e année. Toutefois, tu pourras peut-être obtenir des équivalences en crédits pour les cours de 9^e année pour adultes que tu as réussis. Adresse-toi au CEL pour savoir si tu as</p>			

Deuxième partie

Programmes de 9^e année

Au sujet de la 9^e année

Programme de 9^e année pour adultes

Au sujet de la 9 ^e année	12
Programme de 9 ^e année pour adultes	12
Description des cours du programme de 9 ^e année pour adultes	13

9^e année Programmes de

Deuxième partie

Pour communiquer avec le CEI :

- Si tu veux t'inscrire à un cours d'un crédit ou autre cours? (de 5 leçons). Puis-je m'inscrire tout de suite à un autre cours?
 - Si tu es demi-crédit, tu dois attendre d'avoir terminé les devoirs d'une légion de ton cours d'un quart de crédit, qu'ils soient corrigés et pour t'inscrire à un autre cours d'un quart de crédit.
 - Si tu veux t'inscrire à un cours d'un crédit ou autre cours? Je suis inscrit/e à un cours d'un quart de crédit.
 - Je suis inscrit/e à un autre cours d'un quart de crédit que les notes soient entrées dans l'ordinateur du CEI. Toutefois, il n'est pas nécessaire d'attendre que chacun de ces cours, qu'ils soient corrigés et les notes soient entrées dans l'ordinateur du CEI avant de m'inscrire à un autre cours, puis-je remettre le matériel du dernier cours du CEI que
 - Oui, si tu as terminé ou interrompu le cours, tu dois remettre le matériel du cours du CEI.
 - Quelles sont les équivalences de crédits et comment puis-je savoir si j'y ai droit? Pour avoir 18 ans ou plus et avoir quitté l'école depuis au moins un an. Les élèves qui ont accumulé 26 crédits ou plus n'ont pas droit aux équivalences de crédits.
 - Pour plus de précisions, consulte la rubrique intitulée «Renseignements sur l'inscription» dans le Guide de l'élève du CEI.
- Sudbury**
- Centre d'études indépendantes
2141 boulevard Lasalle
Sudbury ON P3A 2A3
- Region de Sudbury :
(705) 688-3045 (services en français et en anglais)
- Sans frais :
1-800-461-6257 (services en français et en anglais)
- Télécopieur : (705) 688-3050
- Toronto**
- Adresse postale :
Centre d'études indépendantes
20 rue Bay bureau 400
Toronto ON M5J 2W1
- Region de Toronto :
(416) 325-4360 (services en français seulement)
(416) 325-4388 (services en anglais seulement)
- Sans frais :
1-800-265-0454 (services en français seulement)
- Tous les services sont offerts dans les deux langues officielles à Sudbury et à Toronto.
- Les bureaux du CEI sont ouverts du lundi au vendredi, de 8 h 30 à 17 h. Pour les demandes de renseignements par téléphone, les heures de ouverture sont de 11 h à 17 h, du lundi au vendredi.

- Notes sollicitent entrees dans l'ordinateur du CEI.
ton cours actuel, qu'ils sollicitent corriger et que les notes faites sur les devoirs des cinq premières leçons de

- Pour s'inscrire à un autre cours, il faut que tu aies fait tes devoirs des cinq premières leçons de ton cours actuel, qu'ils sollicitent corriger et que les notes sollicitent entrees dans l'ordinateur du CEI.
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- Il est important de noter les dates auxquelles tu expédi es tes devoirs à ton enseignante ou ton enseignant. Le délai moyen pour recevoir les résultats de tes travaux est d'environ trois semaines.

- Pourquoi n'ai-je pas encore reçu mes devoirs corrigés?

Pour de plus amples renseignements, consulte la rubrique « Les examens et attestations d'études » dans le Guide de l'élève du CEI.

- Si le cours que tu suis comporte un examen final, tu devras te renseigner au sujet de la date, de l'heure et de l'emplacement où tu devras te rendre pour passer cet examen.

Où et quand dois-je passer l'examen final?

- Si le cours comporte un examen final, tu dois réussir pour avoir droit à un crédit.

Dois-je réussir l'examen final?

- Sois patient/e. Tu dois prévoir une période d'attente de trois semaines avant de recevoir le cours.

Je n'ai pas encore reçu mon cours. Que se passe-t-il?

Réponses à quelques questions fréquemment posées

Les élèves se trouvent dans ces ouvrages.

Si tu as une question, consulte le présent annuaire ou le Guide de l'élève du CEI. La plupart des responses aux questions possètent des réponses aux questions possètes par

Les lignes téléphoniques du CEI sont très occupées.

Avant de téléphoner au CEI

Tu dois remettre le matériel au CEI aussitôt que tu as terminé le cours ou bien lorsqu'e tu dérides d'interrompre ton cours.

Nous reçons le matériel de cours. Puisqu'un ou une autre élève s'en servira, on te demande d'en prendre bien soin.

As-tu l'intention de t'inscrire à un collège d'arts appliqués et de technologie?

Cours du CEI donnant droit à des exemptions dans les collèges

Informations au sujet des exemptions.

Prepose ou la prépose aux admissions te fournit pour certains cours du CEI, communiqué avec le bureau d'admission du collège en question. Le

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Un exemple de code de cours extraït de la description des cours t'aidera à mieux comprendre ce code et la valeur en crédits d'un cours.

Toutes les écoles de l'Ontario utilisent des codes uniformisés de cinq caractères pour désigner chaque cours. Le CÉG utilise un sixième caractère pour indiquer le numéro d'édition.

Codes des cours et crédits

- Different nivelaux de difficulte**
- Tu pœux suivre divers cours à différents niveaux
 - de difficulté. Par exemple, tu pœux suivre un cours de mathématiques de niveau avancé et un cours d'anglais de niveau général.
 - Si tu as des questions à ce sujet, n'hésite pas à t'adresser au personnel du CBI.
- Cours à contenu identique — duplicitation de crédits**
- Certains cours peuvent avoir des codes différents, même si leur contenu est identique.
 - Par exemple, le contenu de CECA-O est identique à celui de HXEOA-O. Si tu désires obtenir un crédit en histoire à CECA-O. Par contre, si tu obtiens un crédit en affaires et commerce, tu obtiens un crédit en sciences humaines.
 - Dans certains cas, tu pourras avoir deux crédits pour les deux cours.
 - Doc, même si tu parviens à inscrire à deux cours avec un contenu identique, tu ne pourras pas obtenir un crédit pour les deux; seulement un de ces cours.
 - Nous avons indiqué clairement dans les descriptions de cours de l'Annuaire quand deux cours ont un contenu identique.
- Cours antécédents**
- Après la description de chaque cours, on a indiqué les cours antécédents appropiés soit : les cours recommandés, les cours obligatoires, les cours nécessaires elles-mêmes ou avoir deux crédits.
 - Les cours recommandés signifient que tu devras avoir suivi le cours indiqué ou avoir suivi le cours obligatoire qui correspond à la première partie d'un cours.
 - Les cours obligatoires signifient que tu dois avoir réussi le cours indiqué ou avoir suivi le cours obligatoire qui détermine la matière en deux parties.
 - Les cours préalables signifient que tu dois réussir le cours obligatoire qui détermine la matière en deux parties.
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 - Les cours préalables signifient que tu dois réussir le cours obligatoire qui détermine la matière en deux parties.
- Comment faire ta première demande d'inscription**
- Discute de tes projets d'études avec des membres de ton entourage ou des membres du personnel du CBI. Ensuite, fais ta demande.
 - Assure-toi que tu as le bon formulaire de renseignements requis. Au besoin, consulte le présent annuaire.
 - Donne tous les renseignements requis. Au besoin, consulte la section intitulée « Codes des cours et crédits » de cet annuaire à la page 7.
 - Indique ton premier et ton deuxième choix de programme, on t'inscritra à un seul cours.
 - Cependant, si tu veux suivre des cours d'un quart de crédit chacun, tu peux t'inscrire à deux de ces cours en même temps.
 - Il est important que tu indiques le bon code de si ton formulaire de demande n'est pas valide.
 - Poste ou appelle ton formulaire de demande au Centre d'études indépendantes. Les adresses des deux bureaux du CBI sont indiquées à la page 9 du présent annuaire.
 - Poste ou appelle ton formulaire de demande au Centre d'études indépendantes. Les adresses des deux bureaux du CBI sont indiquées à la page 9 du présent annuaire.
- Les personnes qui ont déjà suivi des cours du CBI**
- Si tu as déjà suivi un cours du CBI et que tu destries t'inscrire de nouveau, tu dois communiquer avec l'un de nos deux bureaux pour savoir comment proceder.

toi?

Pour faire des études indépendantes, tu dois

Auras-tu suffisamment d'énergie pour avoir

Auras-tu assez de discipline pour prendre

Tu éprouveras probablement une grande

Un cours d'un demi-crédit de 10 légions nécessite

Il faudra compiler environ trois semaines pour le

Vou-tu améliorer tes habiletés en lecture ou en

Apprendre à lire et à écrire?

Si oui, tu dois jeter un coup d'œil à la quatrième

«Programmes de 9^e année» qui se trouve dans

la deuxième partie à la page 12.

Des cours sur les renseignements sur les

Si oui, tu dois lire les renseignements sur les

10^e année?

Des cours de préparation à la

valeurs de crédit, qui se trouve aux pages 50 à

partie intitulée «Description des cours sans

Si oui, tu dois jeter un coup d'œil à la quatrième

partie intitulée «Description des cours sans

valeurs de crédit» qui se trouve aux pages 50 à

Si oui, tu dois jeter un coup d'œil à la quatrième

partie intitulée «Description des cours sans

valeurs de crédit» qui se trouve aux pages 50 à

Des cours de niveau fondamental ne te

apprendront pas la formation exigeante pour suivre

les cours de niveau fondamental ne te

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apprendront pas la formation exigeante pour suivre

les cours de niveau fondamental ne te

Niveau de difficulté

- Si oui, tu dois lire les renseignements aux pages 5 à 9, avant de passer à la troisième partie.

Vou-tu suivre des cours de 10^e, de 11^e ou de 12^e année ou des CPQ?

travailler seul/e. Prendre aux questions suivantes :

Auras-tu suffisamment d'énergie pour avoir

terminé tes autres activités pour étudier pendant

mois pour terminer un cours d'un demi-crédit.

Faire une légion, cela te prendra environ trois

Si tu passes de six à dix heures par semaine à

semaine?

Cours de niveau fondamental

- Tu as choisi un cours de 10^e, de 11^e ou de 12^e année.

Tous les CPQ sont offerts au niveau avancé.

- Les cours te permettent de t'améliorer dans la

plupart des matières, te donneront des connaissances pratiques et élargiront tes

connaissances.

- Ces cours te permettent de t'améliorer dans la

plupart des matières, te donneront des

connaissances pratiques et élargiront tes

connaissances.

- Ces cours de niveau fondamental

Cours de niveau avancé

- Ils ne te préparent pas à l'université.

programmes des collèges d'arts appliqués et de technologie.

- Ils te donnent également formation au monde du travail.

Ces cours sont axés sur l'acquisition de connaissances théoriques.

- Ils te préparent à un diplôme.

programmes des collèges d'arts appliqués et de technologie, ainsi qu'à bien d'autres types de

nécessaires pour pouvoir avoir accès à certains programmes des collèges d'arts appliqués et de

technologie, ainsi qu'à bien d'autres types de

que tu auras obtenu ton diplôme.

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Cours de niveau moyen

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- Ils te donnent également formation au monde du travail.

Ces cours sont axés sur l'acquisition de connaissances théoriques.

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Cours de niveau élevé

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Ces cours sont axés sur l'acquisition de connaissances théoriques.

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Comment choisir ton premier cours

Prémière partie

Renseignements généraux

- Afin de réussir chaque légion, on te demande de lire et d'étudier attentivement le matériel du

cousins.

- Chaque Legon compose des devorts. Quand tu cours, aura-s fini tes devoirs d'une Legon, tu les enverras par la poste à ton enseignante ou ton enseignant.

Quel est le rôle de ton enseignante ou de ton enseignant?

- Ton enseignante ou ton enseignant lit les devoués de chaque légion, fait des commentaires sur eux-ci, les corrige et les évalue en attribuant

- Elle ou il peut indiquer ses suggestions et recommande directement tes dévoirs. Il est important, pour ton apprentissage, de tenir compte des commentaires de ton enseignant ou de ton enseignante.
- Ton enseignant te donne des notes au CEI où elles sont enregistrées dans tes notes au CEI ou elles sont enregistrées dans ton dossier d'élève.

— Si tu pèux terminer la plupart des devours, mais certains des questions, envoie une note à ton enseignante ou ton enseignant avec tes devoirs.

- Avec ta première légion, on te fournit les renseignements sur les services de télétutorat.

— Lorsque tu t'inscriras à un cours du CÉI, tu trouveras le nom et l'adresse de ton enseignante ou de ton enseignant dans la lettre d'inscription que tu recevras avec le matériel du cours. Ton enseignante ou ton enseignant corrigeront tes devoirs et te les retournera.

Comment cela fonctionne-t-il?

- Pour la plupart des cours, presque tout le matériel t'est prêté. Toutefois, tu dois le remettre lorsqu'e tu as terminé le cours ou si tu décides de l'interrompre.
- Tu pâies les frais d'envoi de tes devoirs.

- Si tu résides en Ontario, les cours du CEI te sort

Les cours sont-ils gratuits?

- La formation à distance se fait de manière confidentielle et privée, entre toi et ton enseignant(e) ou ton enseignante.
- Tu peux étudier où et quand tu le désires.
- Tu peux commencer un cours ou le terminer à n'importe quel moment de l'année.
- Tu peux travailler à ton propre rythme.

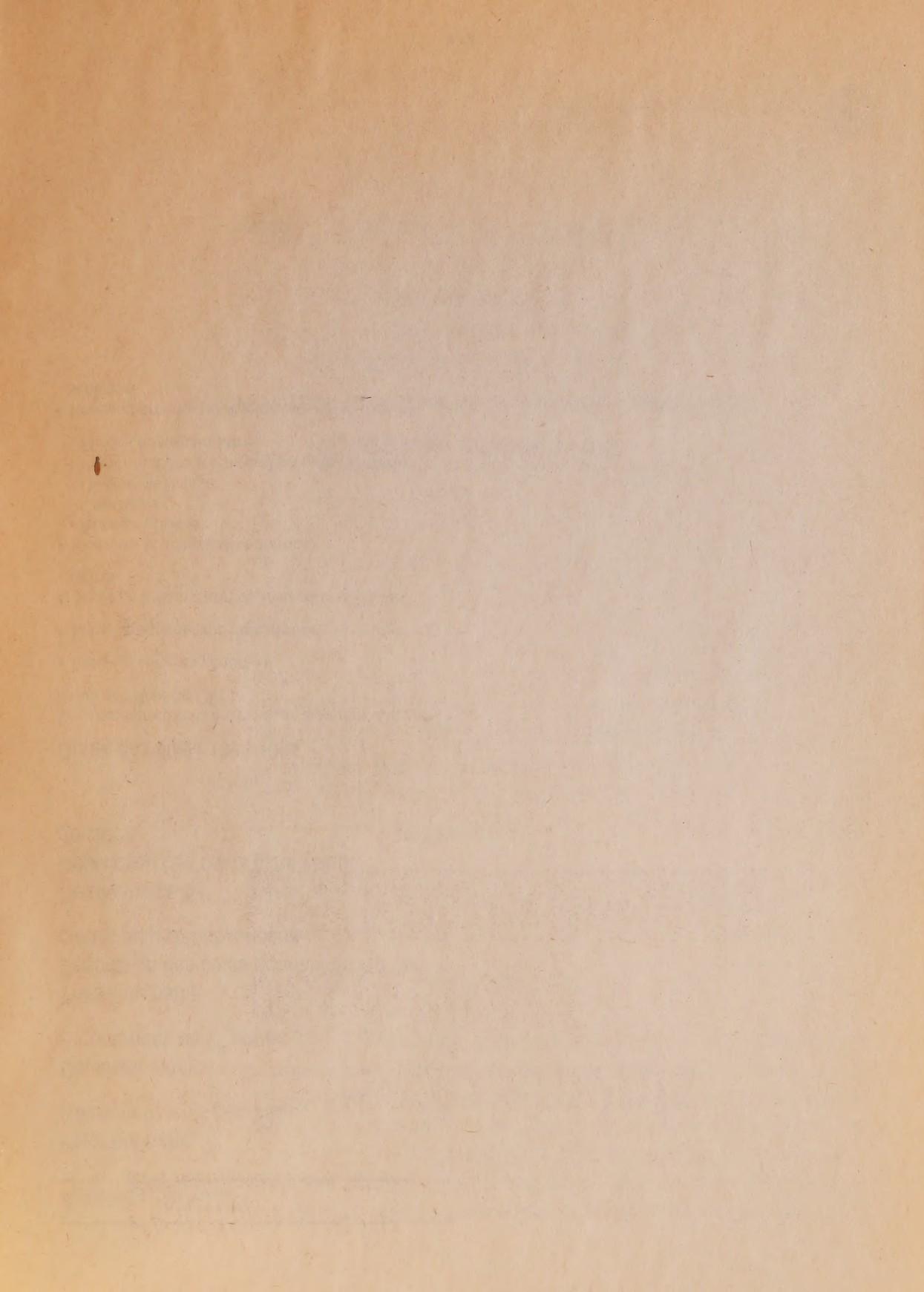
Quels en sont les avantages ?

- Pour améliorer leurs connaissances de base;
- Les Gens suivent des cours du CÉL;
- Pour obtenir un Diplôme d'études secondaires
- Pour se préparer à fréquenter un collège ou une université;
- Pour se préparer à fréquenter un collège ou une université;
- Pour leur développement personnel.

.....	Pour communiquer avec le CEI
9	..... Pour communiquer avec le CEI
.....	Réponses à quelques questions fréquemment posées
8	..... Réponses à quelques questions fréquemment posées
.....	Avant de téléphoner au CEI
8	..... Avant de téléphoner au CEI
.....	Remise du matériel
8	..... Remise du matériel
.....	Cours du CEI donnant droit à des exemples dans les collèges
8	..... Cours du CEI donnant droit à des exemples dans les collèges
.....	Cours comportant des vidéocassettes
8	..... Cours comportant des vidéocassettes
.....	Renseignements supplémentaires
7	..... Renseignements supplémentaires
.....	Codes des cours et crédits
7	..... Codes des cours et crédits
.....	Les personnes qui ont déjà suivi des cours du CEI
6	..... Les personnes qui ont déjà suivi des cours du CEI
.....	Comment faire ta première demande d'inscription
6	..... Comment faire ta première demande d'inscription
.....	Cours suivis précédents
5	..... Cours suivis précédents
.....	Niveau de difficulté
5	..... Niveau de difficulté
.....	Comment choisir ton premier cours
5	..... Comment choisir ton premier cours
.....	Les études indépendantes, est-ce pour toi ?
5	..... Les études indépendantes, est-ce pour toi ?
.....	Comment peux-tu obtenir de l'aide ?
4	..... Comment peux-tu obtenir de l'aide ?
.....	ton enseignant ?
4	..... ton enseignant ?
.....	Quel est le rôle de ton enseignant ou de ton enseignante ?
4	..... Quel est le rôle de ton enseignant ou de ton enseignante ?
.....	Comment cela fonctionne-t-il ?
4	..... Comment cela fonctionne-t-il ?
.....	Les cours sont-ils gratuits ?
4	..... Les cours sont-ils gratuits ?
.....	Quels en sont les avantages ?
4	..... Quels en sont les avantages ?
.....	Pourquoi les gens suivent-ils des cours du CEI ?
4	..... Pourquoi les gens suivent-ils des cours du CEI ?

Renseignements généraux

Première partie



- Guide de l'élève 1994-1995
- Les renseignements suivants se trouvent dans le Guide de l'élève du CEI :
- Accès à l'information et protection de la vie privée
 - Renseignements sur l'inscription
 - Renseignements généraux
 - Examens et attestations d'études
 - Certificats
 - Diplôme de l'école secondaire
 - Diplôme des secondaires de l'Ontario
 - Etudes postsecondaires
 - Renseignements pour les écoles et les conseils scolaires

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Troisième partie	Description des cours donnant droit à des crédits au pallier secondaire	15
Quatrième partie	Description des cours sans valeur	51
	de crédit	



Reception et services au comptoir : 3^e étage

Toronto ON M5J 2W1
20 rue Bay bureau 400
Centre d'études indépendantes

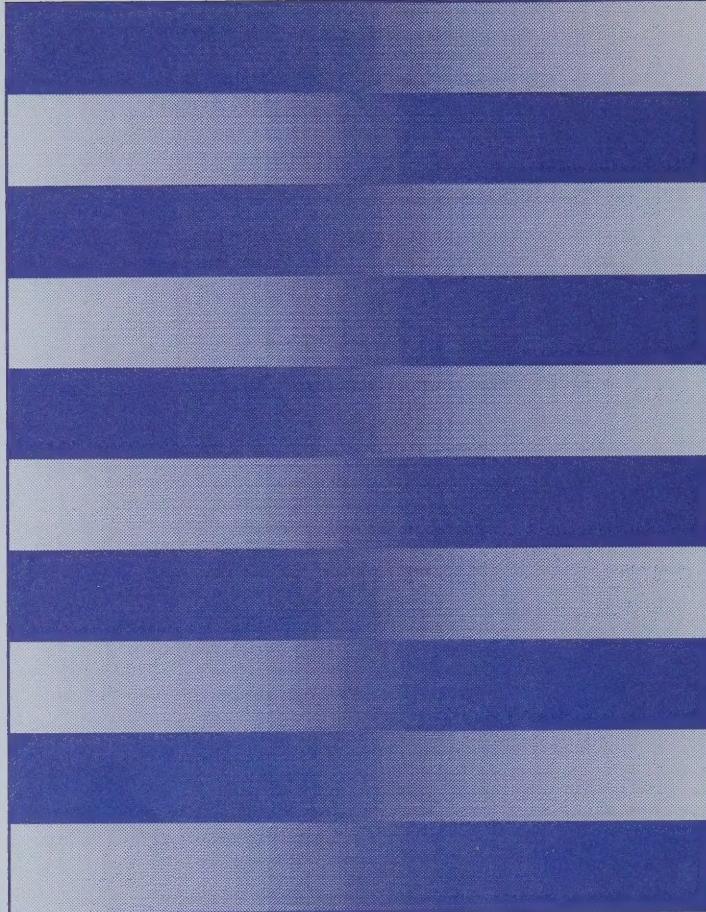
Voici la nouvelle adresse de notre bureau de Toronto :

Nous avons déménagé!

Lis bien cet annuaire avant de faire une demande d'inscription à un cours du Centre d'études indépendantes (CEI). Le personnel du CEI est prêt à t'aider, mais c'est toi qui es responsable du choix de tes cours.

Important

Le Centre d'études indépendantes est l'un des organismes d'enseignement les plus importants au Canada. Le Centre, qui relève du ministère de l'Éducation et de la Formation de l'Ontario, offre des cours de formation à distance gratuitement aux résidents de l'Ontario qui souhaitent accumuler les crédits nécessaires afin d'obtenir le Diplôme d'études secondaires de l'Ontario, améliorer leurs connaissances de base ou étudier pour leur développement personnel.



1994-1995 Annuaire

Centre d'études indépendantes

Ministère de l'Éducation et de la Formation

Ontario